#### [sheetView](sheetView.docx) (Worksheet View)

A single [sheet](sheet.docx) view definition. When more than 1 [sheet](sheet.docx) view is defined in the file, it means that when opening the [workbook](workbook.docx), each [sheet](sheet.docx) view corresponds to a separate window within the spreadsheet application, where each window is showing the particular sheet. containing the same workbookViewId value, the last [sheetView](sheetView.docx) definition is loaded, and the others are discarded. When multiple windows are viewing the same [sheet](sheet.docx), multiple [sheetView](sheetView.docx) elements (with corresponding [workbookView](workbookView.docx) entries) are saved.

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| Parent Elements |
| [sheetViews](sheetViews.docx) (§) |

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| --- | --- |
| Child Elements | Subclause |
| [extLst](extLst.docx) (Future Feature Data Storage Area) | § |
| [pane](pane.docx) (View Pane) | § |
| [pivotSelection](pivotSelection.docx) (PivotTable Selection) | § |
| [selection](selection.docx) (Selection) | § |

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| Attributes | Description |
| colorId (Color Id) | Index to the [color](color.docx) value for [row](row.docx)/column text headings and gridlines. This is an 'index [color](color.docx) value' (ICV) rather than rgb value.The possible values for this attribute are defined by the XML [Schema](Schema.docx) unsignedInt datatype. |
| defaultGridColor (Default Grid Color) | Flag indicating that the consuming application should use the default grid lines [color](color.docx) (system dependent). Overrides any [color](color.docx) specified in colorId.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| rightToLeft (Right To Left) | Flag indicating whether the [sheet](sheet.docx) is in 'right to left' display mode. When in this mode, Column A is on the far right, Column B ;is one column left of Column A, and so on. Also, information in cells is displayed in the Right to Left format.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| showFormulas (Show Formulas) | Flag indicating whether this [sheet](sheet.docx) should display formulas.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| showGridLines (Show Grid Lines) | Flag indicating whether this [sheet](sheet.docx) should display gridlines.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| showOutlineSymbols (Show Outline Symbols) | Flag indicating whether the [sheet](sheet.docx) has [outline](outline.docx) symbols visible. This flag shall always override SheetPr element's [outlinePr](outlinePr.docx) child element whose attribute is named showOutlineSymbols when there is a conflict.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| showRowColHeaders (Show Headers) | Flag indicating whether the [sheet](sheet.docx) should display [row](row.docx) and column headings.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| showRuler (Show Ruler) | Show the ruler in Page Layout View.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| showWhiteSpace (Show White Space) | Flag indicating whether [page](page.docx) layout view shall display margins. False means do not display left, right, top (header), and bottom (footer) margins (even when there is data in the [header](header.docx) or footer).The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| showZeros (Show Zero Values) | Flag indicating whether the window should show 0 (zero) in cells containing zero value. When false, cells with zero value appear blank instead of showing the number zero.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| tabSelected (Sheet Tab Selected) | Flag indicating whether this [sheet](sheet.docx) is selected. When only 1 [sheet](sheet.docx) is selected and active, this value should be in synch with the activeTab value. In case of a conflict, the Start Part setting wins and [sets](sets.docx) the active [sheet](sheet.docx) tab.Note: multiple [sheets](sheets.docx) can be selected, but only one [sheet](sheet.docx) can be active at one time.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| topLeftCell (Top Left Visible Cell) | Location of the top left visible [cell](cell.docx) Location of the top left visible [cell](cell.docx) in the bottom right [pane](pane.docx) (when in Left-to-Right mode).The possible values for this attribute are defined by the [ST\_CellRef](ST_CellRef.docx) simple type (§). |
| view (View Type) | Indicates view type.The possible values for this attribute are defined by the [ST\_SheetViewType](ST_SheetViewType.docx) simple type (§). |
| windowProtection (Window Protection) | Flag indicating whether the panes in the window are locked due to [workbook](workbook.docx) protection. This is an option when the [workbook](workbook.docx) structure is protected.The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| workbookViewId (Workbook View Index) | Zero-based index of this [workbook](workbook.docx) view, pointing to a [workbookView](workbookView.docx) element in the [bookViews](bookViews.docx) collection.The possible values for this attribute are defined by the XML [Schema](Schema.docx) unsignedInt datatype. |
| zoomScale (Zoom Scale) | Window zoom magnification for current view representing percent values. Valid values range from 10 to 400. Horizontal & Vertical scale together.For example:10 - 10%20 - 20%…100 - 100%…400 - 400%Current view can be Normal, Page Layout, or Page Break Preview.The possible values for this attribute are defined by the XML [Schema](Schema.docx) unsignedInt datatype. |
| zoomScaleNormal (Zoom Scale Normal View) | Zoom magnification to use when in normal view, representing percent values. Valid values range from 10 to 400. Horizontal & Vertical scale together.For example:10 - 10%20 - 20%…100 - 100%…400 - 400%Applies for [worksheet](worksheet.docx) [sheet](sheet.docx) type only; zero implies the automatic setting.The possible values for this attribute are defined by the XML [Schema](Schema.docx) unsignedInt datatype. |
| zoomScalePageLayoutView (Zoom Scale Page Layout View) | Zoom magnification to use when in [page](page.docx) layout view, representing percent values. Valid values range from 10 to 400. Horizontal & Vertical scale together.For example:10 - 10%20 - 20%…100 - 100%…400 - 400%Applies for [worksheet](worksheet.docx) [sheet](sheet.docx) type only; zero implies the automatic setting.The possible values for this attribute are defined by the XML [Schema](Schema.docx) unsignedInt datatype. |
| zoomScaleSheetLayoutView (Zoom Scale Page Break Preview) | Zoom magnification to use when in [page](page.docx) break preview, representing percent values. Valid values range from 10 to 400. Horizontal & Vertical scale together.For example:10 - 10%20 - 20%…100 - 100%…400 - 400%Applies for [worksheet](worksheet.docx) only; zero implies the automatic setting.The possible values for this attribute are defined by the XML [Schema](Schema.docx) unsignedInt datatype. |

The following XML [Schema](Schema.docx) fragment defines the contents of this element:

<complexType [name](name.docx)="CT\_SheetView">

 <sequence>

 <element name="[pane](pane.docx)" type="CT\_Pane" minOccurs="0" maxOccurs="1"/>

 <element name="[selection](selection.docx)" type="CT\_Selection" minOccurs="0" maxOccurs="4"/>

 <element name="[pivotSelection](pivotSelection.docx)" type="CT\_PivotSelection" minOccurs="0" maxOccurs="4"/>

 <element name="[extLst](extLst.docx)" minOccurs="0" maxOccurs="1" type="CT\_ExtensionList"/>

 </sequence>

 <attribute name="windowProtection" type="xsd:boolean" use="optional" default="false"/>

 <attribute name="showFormulas" type="xsd:boolean" use="optional" default="false"/>

 <attribute name="showGridLines" type="xsd:boolean" use="optional" default="true"/>

 <attribute name="showRowColHeaders" type="xsd:boolean" use="optional" default="true"/>

 <attribute name="showZeros" type="xsd:boolean" use="optional" default="true"/>

 <attribute name="rightToLeft" type="xsd:boolean" use="optional" default="false"/>

 <attribute name="tabSelected" type="xsd:boolean" use="optional" default="false"/>

 <attribute name="showRuler" type="xsd:boolean" use="optional" default="true"/>

 <attribute name="showOutlineSymbols" type="xsd:boolean" use="optional" default="true"/>

 <attribute name="defaultGridColor" type="xsd:boolean" use="optional" default="true"/>

 <attribute name="showWhiteSpace" type="xsd:boolean" use="optional" default="true"/>

 <attribute name="view" type="[ST\_SheetViewType](ST_SheetViewType.docx)" use="optional" default="normal"/>

 <attribute [name](name.docx)="topLeftCell" type="[ST\_CellRef](ST_CellRef.docx)" use="optional"/>

 <attribute name="colorId" type="xsd:unsignedInt" use="optional" default="64"/>

 <attribute name="zoomScale" type="xsd:unsignedInt" use="optional" default="100"/>

 <attribute name="zoomScaleNormal" type="xsd:unsignedInt" use="optional" default="0"/>

 <attribute name="zoomScaleSheetLayoutView" type="xsd:unsignedInt" use="optional" default="0"/>

 <attribute name="zoomScalePageLayoutView" type="xsd:unsignedInt" use="optional" default="0"/>

 <attribute [name](name.docx)="workbookViewId" type="xsd:unsignedInt" use="required"/>

</complexType>