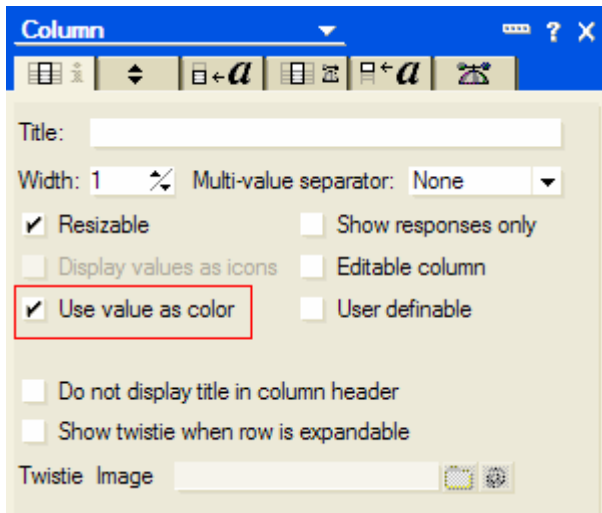


Changing the color of a single view column in a view Panel in an XPage By Melissa Snell LAN2LAN

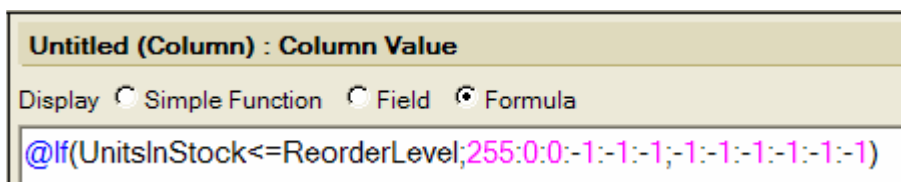
This is what the view looks like in Lotus Notes:

Name	Supplier	Category	Unit Price £	Units in Stock
Alice Mutton	Pavlova, Ltd.	Meat/Poultry	39.00	0
Aniseed Syrup	Exotic Liquids	Condiments	10.00	13
Boston Crab Meat	New England Seafood Cannery	Seafood	18.40	123
Camembert Pierrot	Gai pâturage	Dairy Products	34.00	19
Carnarvon Tigers	Pavlova, Ltd.	Seafood	62.50	42
Chai	Exotic Liquids	Beverages	18.00	39
Chang	Exotic Liquids	Beverages	19.00	17
Chartreuse verte	Aux joyeux ecclésiastiques	Beverages	18.00	69
Chef Anton's Cajun Seasoning	New Orleans Cajun Delights	Condiments	22.00	53
Chef Anton's Gumbo Mix	New Orleans Cajun Delights	Condiments	21.35	0
Chocolate	Zaanse Snoepfabriek	Confections	12.75	15
Côte de Blaye	Aux joyeux ecclésiastiques	Beverages	263.50	17

This is because of a hidden column to the left of “Units in Stock” which has the “Use value as color” option enabled:



The column is hidden and its value is:



To duplicate this effect in an Xpage:

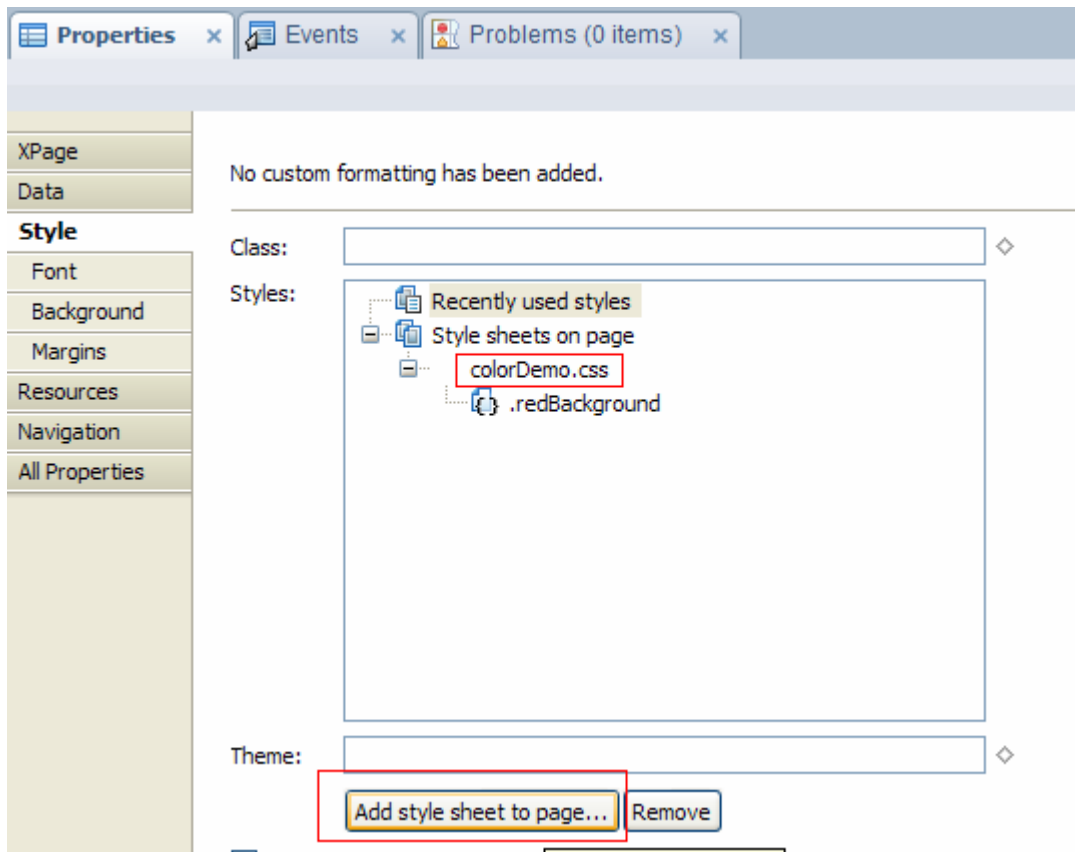
Ensure that there are columns in the view that hold the data you will need to use to decide whether to change the color or not. In this case the field in question is “ReorderLevel”, so a hidden column is added:

	Units in Stock	Reorder Level
10 25	0	-1, 0
10 25	13	-1, 25
10 -1,	123	-1, 30
10 -1,	19	-1, 0
10 -1,	42	-1, 0
10 -1,	39	-1, 10
10 25	17	-1, 25

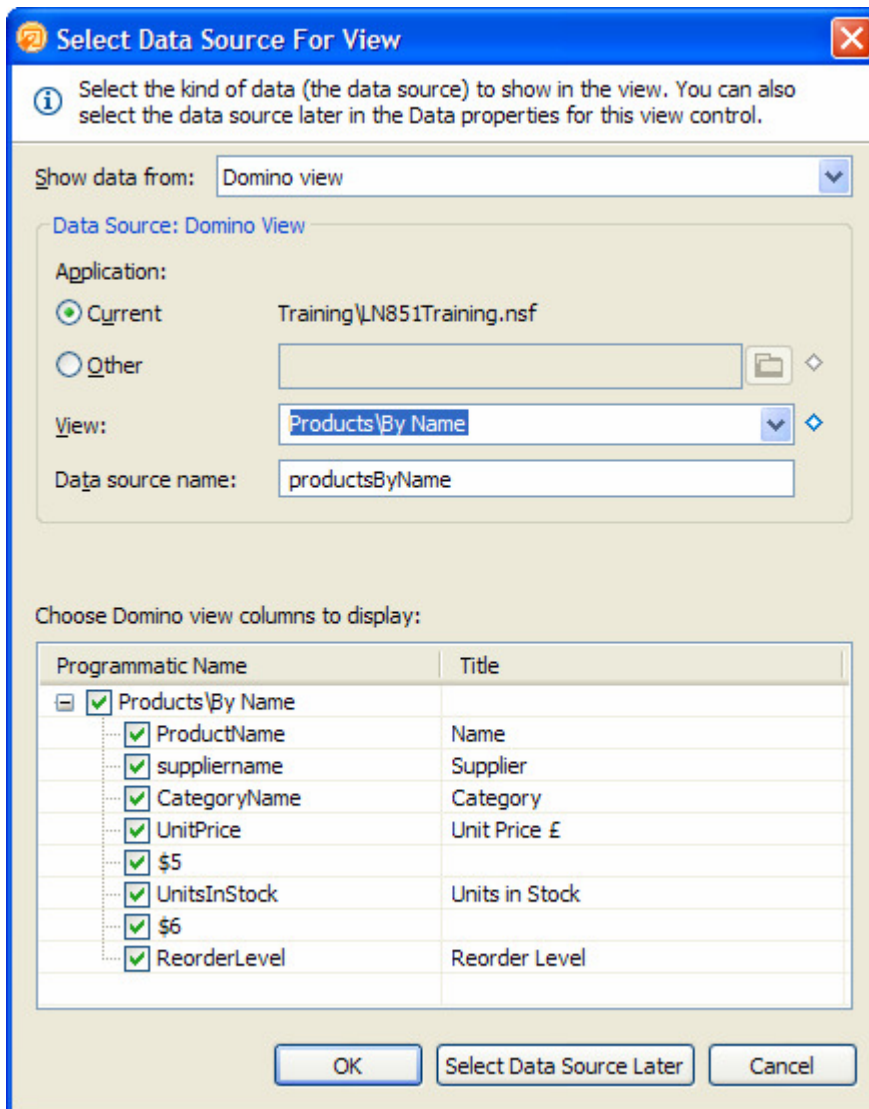
Create a stylesheet (or modify an existing one). Add in a class with a background color: in this case 'redBackground'

```
Home x colorDemo.css x  
.redBackground {  
background-color: #FF0000;  
}
```

Add the stylesheet resource that contains your class to the Xpage from the Styles tab of the Properties panel for the XPage



- 1) From the Container Controls panel on the right-hand side of the Designer client, drag and drop a "View" Control onto the XPage. In the dialog box that appears, select the view and click OK



To get this:

Home x Create new view or modify an existing view x colorDemo.css x Training\LN851Training.nsf - XPages

Previous 1 2 3 4 5 Next							
Name	Supplier	Category	Unit Price £	\$5	Units in Stock	\$6	Reorder Level
Name	Supplier	Category	Unit Price £	\$5	Units in Stock	\$6	Reorder Level

Hide the Reorder level column and column header by unticking the "visible" property check box. Also in this example, remove the columns \$5 and \$6 as these are not required

Previous 1 2 3 4 5 Next							
Name	Supplier	Category	Unit Price £	\$5	Units in Stock	\$6	Reorder Level
Name	Supplier	Category	Unit Price £	\$5	Units in Stock	\$6	Reorder Level

Design Source

Properties x Events x Problems (0 items) x

View Column

Name: viewColumn8

Width: [] Units: []

Visible

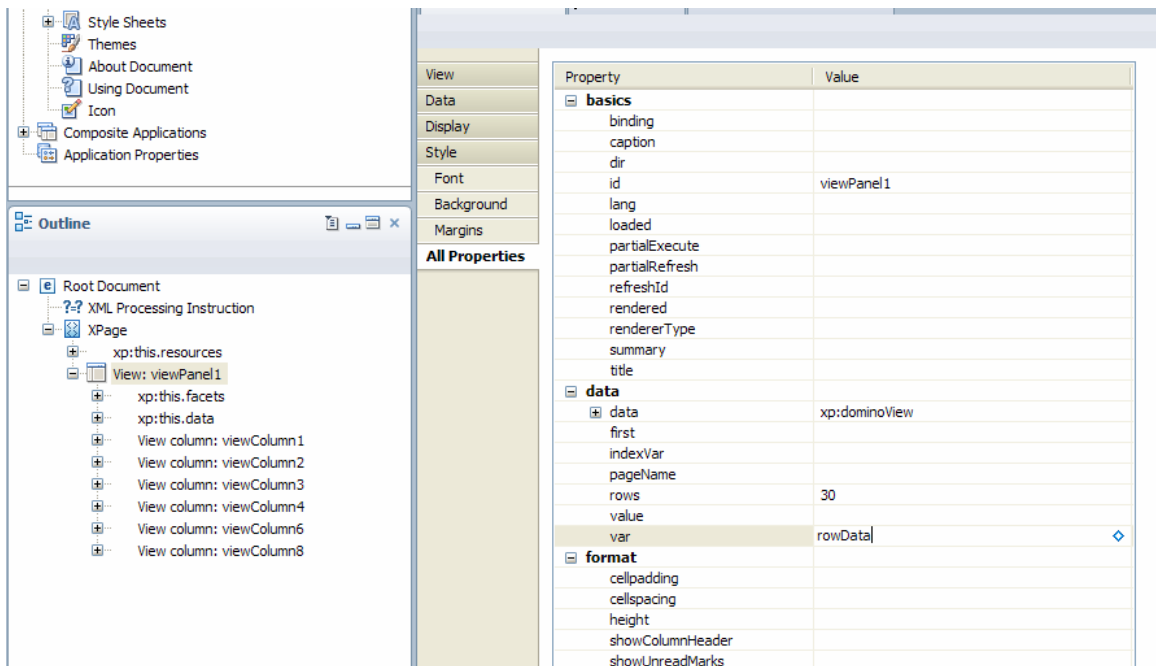
Column Display Properties

Display column values

Content type: Text

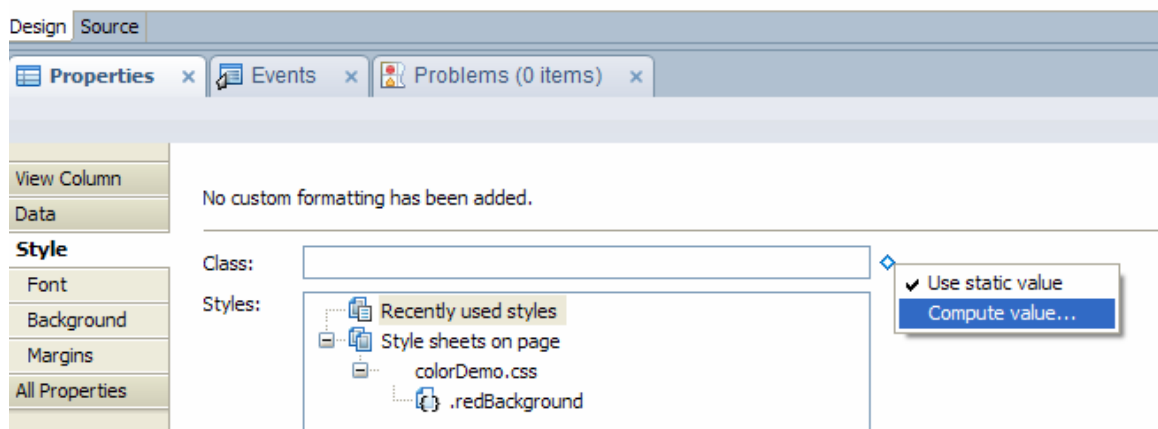
Show values in this column as links

To give us a way of accessing the view data, in the properties of the view panel, go to “All properties” and under the data section set the “var” property to be “rowData”



Go to the column whose color you want to change - in this case "Units in stock". Go to the Style tab on the properties panel and click on the diamond to the right and click "Compute Value"

Previous 1 2 3 4 5 Next					
Name	Supplier	Category	Unit Price £	Units in Stock	Reorder Level
Name	Supplier	Category	Unit Price £	Units in Stock	Reorder Level



Enter some JavaScript that will return the name of the class ("redBackground") if the units in stock are the same or less than the reorder level. To do this you will need to convert the values into numbers using `parseInt` or `parseFloat` (if you need decimal places) to compare the column values as numbers

Language: JavaScript (Server Side) ▾

Condition: Compute Dynamically Compute on Page Load

```

try{
    var qtyReorder=parseInt(rowData.getColumnValue("Reorder Level"));
    var qtyInStock=parseInt(rowData.getColumnValue("Units in Stock"));

    if(qtyInStock<=qtyReorder){
        return "redBackground"
    }
}
catch(e){
    print("<<<error = " + e + ">>>");
}

```

Now preview and see the end result!

Previous 1 2 3 Next				
Name	Supplier	Category	Unit Price £	Units in Stock
Alice Mutton	Pavlova, Ltd.	Meat/Poultry	39.0	0.0
Aniseed Syrup	Exotic Liquids	Condiments	10.0	13.0
Boston Crab Meat	New England Seafood Cannery	Seafood	18.400000000000002	123.0
Camembert Pierrot	Gai pâturage	Dairy Products	34.0	19.0
Carnarvon Tigers	Pavlova, Ltd.	Seafood	62.5	42.0
Chai	Exotic Liquids	Beverages	18.0	39.0
Chang	Exotic Liquids	Beverages	19.0	17.0
Chartreuse verte	Aux joyeux ecclésiastiques	Beverages	18.0	69.0
Chef Anton's Cajun Seasoning	New Orleans Cajun Delights	Condiments	22.0	53.0
Chef Anton's Gumbo Mix	New Orleans Cajun Delights	Condiments	21.35	0.0
Chocolade	Zaanse Snoepfabriek	Confections	12.75	15.0
Côte de Blaye	Aux joyeux ecclésiastiques	Beverages	263.5	17.0