

Conditional CSS Styling

Suppose that you need to highlight all *Order Details* rows with *UnitPrice* above \$30 and indicate those with *Discount* greater than or equal to 15%, such as in the screenshot below.

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e Also	Order Customer#	Product Name	Unit q	Juantity Disci	ount Order Customer Company Name	Order Employee	Order Ship Via Company Name	Product Category	Product Supplier Company Name
Orders Customer Demo	VINET	Queso Cabrales	\$14.00	12	0 Vins et alcools Chevalier	Buchanan	Federal Shipping	Dairy Products	Cooperativa de Quesos 'Las Cabras'
	VINET	Singaporean Hokkien Fried Mee	\$9.80	10	0 Vins et alcools Chevalier	Buchanan	Federal Shipping	Grains/Cereals	Leka Trading
	VINET	Mozzarella di Giovanni	\$34.80	5	0 Vins et alcools Chevailer	Buchanan	Federal Shipping	Dairy Products	Formaggi Fortini s.r.l.
	TOMSP	Tofu	\$18.60	9	0 Toms Spezialitäten	Suyama	Speedy Express	Produce	Mayumis
	TOMSP				Toms Spezialitäten				
	HANAR	Jack's New England Clam Chowder	\$7.70	10	0 Hanari Carnes	Peacock	United Package	Seafood	New England Seafood Cannery
	HANAR			35	1.15 Hanari Carnes				
	HANAR	Louisiana Fiery Hot Pepper Sauce	\$16.80	15	115 Hanari Carnes	Peacock	United Package	Condiments	New Orleans Cajun Delights
	VICTE	Gustaf's Knäckebrö	i \$16.80	6 1	0.05 Victuailles en stock	Leverling	Speedy Express	Grains/Cereals	PB Knäckebröd AB
	VICTE	Ravioli Angelo	\$15.60	15	0.05 Victuailles en stock	Leverling	Speedy Express	Grains/Cereals	Pasta Buttini s.r.l.
	«Previous	Page: 1 2 3 4 5 6	78910	Next »	Items per pa	ge: 10, 15, 20, 25	i Showing 1-10 of	2155 items Refresh	

A newly generated *Website Factory* application will have all rows uniformly displayed in the default style.

Click on *Code OnTime Generator* link on the desktop of your computer to start the code generator.

Select the project you wish to edit, and then press the *Design* button. Once the *Designer* opens, click *OrderDetails* controller on *All Controllers* tab. The *OrderDetails* controller properties will open. Press the *View* tab, click on *grid1*, and go to *Styles*. Press *New Style*.

Project Designer				Close
Home > Controlle	r: OrderDet	ails > View: grid1		
View Categories	Styles	Data Fields		
This is a list of style e	xpressions (defined for this view.		
Quick Find	New N	Preview		View: Styles *
Test No records found.		S New Style Create a new style.	Css Class	
				Refresh

All customized project settings are stored in *.Log.xml files located in the root of your project folder.

We shall create two new styles. Write two JavaScript test expressions. If a field name must be referenced in the expression then place the field name in square brackets. The first expression will test *Discount* to see if it is greater than or equal to 15%, and assign the CSS class *HighDiscount* to the rendered data row.

[Discount]>=.15	
Css Class *	
HighDiscount	
	OK Cancel

Now create one more rule that will test *UnitPrice* to see if it is above \$30, and assign the CSS class *TooExpensive* to the rendered row.

Test*	
[UnitPrice]>=30	
Css Class *	

Close the *Designer* by clicking on the *close* link in the right top corner of the screen in *Project Designer* box above the path to return to the code generator. Press *Next* in the bottom right corner, then the *Generate* button.

We have not yet applied any custom styling, just assigned styles. Open *Developer Tools* in *Internet Explorer 8* by pressing F12, and then press *Inspect*. Click on a row. HTML tab of *Developer Tools* will display HTML behind the rendered grid of rows. You can see that the rows have the style names applied according to *Discount* and *UnitPrice* in a given row. Those rows with *Unit Price* above \$30 are assigned the CSS class *TooExpensive*, and those with *Discount* greater than 15% are assigned *HighDiscount*. The selected row in the screenshot below has the classes *Row*, *HighDiscount*, and *TooExpensive*.

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Run *Microsoft Visual Studio* to create custom styling for rows marked with classes *HighDiscount* and *TooExpensive*. Select *File | Open Website*, and navigate to the location of your website project. Expand *App_Themes / MyCompany* folder in *Solution Explorer* or the folder that contains *_Layout.skin* file if the namespace of your project is other than *MyCompany*. Create a new stylesheet by right-clicking on the folder and pressing *Add New Item*. Select the *Stylesheet* icon in the list and press *Add*. Create the style definitions for *HighDiscount* and *TooExpensive* by typing in this code into the stylesheet:

```
tr.HighDiscount td.Discount
{
    color: pink!important;
    font-weight: bold!important;
    background-color: red!important;
}
tr.TooExpensive td
{
    background-color: orange!important;
    color: yellow!important;
}
```

Make sure to append the *limportant* suffix right after the style attribute value, so that the style overrides any other styles defined elsewhere in the application. Save the stylesheet, go back to the web browser, and refresh the web application.



You can see that now we have conditional styling. Rows with *HighDiscount* have the *Discount* cell highlighted in red, with pink font. Rows with *TooExpensive* are highlighted orange, with yellow color of text.

This custom styling is not limited to any particular page. Click on the *Customers* tab in the upper left side of the screen. Select any customer, and go to the *Order Details* tab inside of the *Customers* page. You will see that the same styling is applied there.

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