

Converting Colors

`RYB(192, 138, 173)`

Have a look what the booklet for
RYB(192, 138, 173) contains.

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Color

`RYB(192, 138, 173)`

Conversions

Conversions Part 1

Format	Color
Hex	C08AAD
RGB	192, 138, 173
RGB Percent	75%, 54%, 68%
CMY	0.2471, 0.4588, 0.3216
CMYK	0.00, 0.28, 0.10, 0.25
HSL	321°, 30%, 65%
HSV	321°, 28%, 75%
XYZ	38.3695, 32.4006, 43.7668
YIQ	158.1360, 20.9490, 22.3330

Conversions

Conversions Part 2

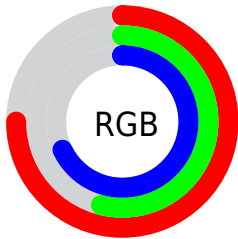
Format	Color
R _Y B	192, 138, 173
Decimal	12618413
CIE Lab	63.67, 26.12, -10.24
CIE LCh	64, 28.050, 338.599
Yxy	32.4006, 0.3350, 0.2829
Android (android.graphics.Color)	4290808493 (0xFFC08AAD)
YUV	158.1360, 7.3280, 29.6987
Hunter-Lab	56.9215, 20.7104, -5.7429

Details

The RYB color **192, 138, 173** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **138, 178, 192**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **249, 192, 228**, and **138, 87, 121** is the 20% darker color. If you saturate the color by 10%, you get **192, 119, 166**, and if you desaturate by 10%, it is **192, 157, 180**.

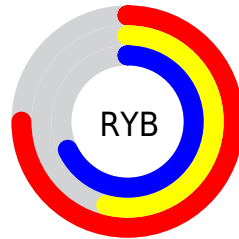
Distribution



Red (75%)

Green (54%)

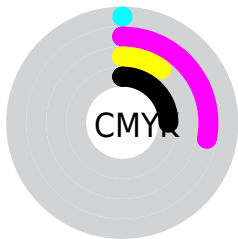
Blue (68%)



Red (75%)

Yellow (54%)

Blue (68%)

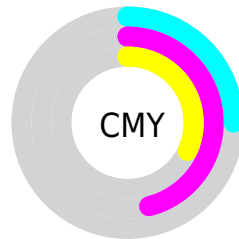


Cyan (0%)

Magenta (28%)

Yellow (10%)

Black (25%)



Cyan (25%)


Magenta (46%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 138, 173 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 192, 138, 173 by changing the saturation by 10% instead.

 192, 138, 173


255, 255, 255

 249, 192, 228

 255, 220, 255

 255, 249, 255

 192, 138, 173

 164, 112, 146

 138, 87, 121

 112, 63, 96

 87, 40, 72


 62, 17, 50

 40, 0, 29


 0, 0, 0


 192, 138, 173

 192, 119, 166


 192, 138, 173


 192, 157, 180

 192, 100, 159

 192, 176, 187

 192, 80, 153


 192, 195, 196

 192, 61, 146

 192, 209, 215

 192, 42, 139

 192, 223, 234

 192, 23, 132

 192, 237, 253

 192, 4, 126

 192, 236, 255

 192, 0, 124

 192, 233, 255

 192, 230, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167, 145, 193



192, 138, 173



204, 136, 148

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



192, 138, 173



117, 165, 105



74, 125, 185

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



192, 138, 173



138, 178, 192

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82, 127, 168



192, 138, 173



115, 162, 140

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



192, 138, 173



187, 185, 108



108, 148, 167



96, 136, 200

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



192, 138, 173



204, 137, 132



108, 148, 167



73, 122, 177

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



192, 138, 173



250, 230, 243



157, 138, 192



125, 112, 121



252, 252, 252



125, 125, 125

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



192, 138, 173



250, 165, 220



192, 138, 146



97, 87, 93



161, 0, 104



33, 0, 21

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



192, 138, 173



250, 165, 220



138, 167, 192



97, 87, 93



161, 0, 104



33, 0, 21

Previews

White Background



This preview shows how the RYB color 192, 138, 173 looks on a white background.

Color Contrast Check

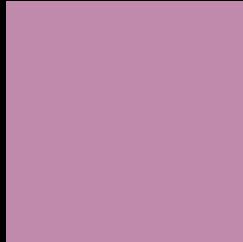
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 192, 138, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

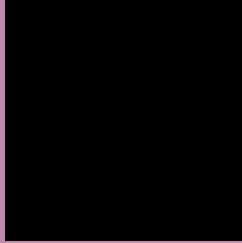
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 192, 138, 173 Background



This preview shows how black text looks on a background with the RYB color 192, 138, 173.

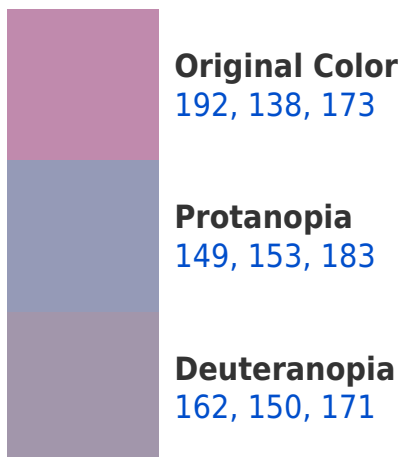


This preview shows how white text looks on a background with the RYB color 192, 138, 173.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
189, 142, 153

Trichromacy



Original Color
192, 138, 173

Protanomaly
165, 148, 179

Deuteranomaly
173, 146, 172

Tritanomaly
190, 141, 160

Monochromacy



Original Color
192, 138, 173

Achromatopsia
158, 158, 158

Achromatomaly
170, 151, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 138, 173 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(192, 138, 173)` looks like.

```
.text, #text, p{  
    color:rgb(192, 138, 173)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(192, 138, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 138, 173) }
```

Border

The CSS property to change the border of an element to RYB 192, 138, 173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 138, 173) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(192, 138, 173) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(192, 138, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 138, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 138, 173);  
box-shadow:4px 4px 4px 4px rgb(192, 138,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 192, 138, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 138, 173) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(192,  
138, 173) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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