

Converting Colors

`RYB(208, 94, 190)`

Have a look what the booklet for RYB(208, 94, 190) contains.

RYB(208, 94, 190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(208, 94, 190)

Conversions

Conversions Part 1

Format	Color
Hex	D05EBE
RGB	208, 94, 190
RGB Percent	82%, 37%, 75%
CMY	0.1843, 0.6314, 0.2549
CMYK	0.00, 0.55, 0.09, 0.18
HSL	309°, 55%, 59%
HSV	309°, 55%, 82%
XYZ	39.3094, 25.1330, 51.4945
YIQ	139.0300, 37.1280, 54.0240

Conversions

Conversions Part 2

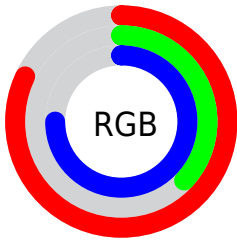
Format	Color
R _Y B	208, 94, 190
Decimal	13655742
CIE Lab	57.20, 56.99, -29.61
CIE LCh	57, 64.220, 332.546
Yxy	25.1330, 0.3391, 0.2168
Android (android.graphics.Color)	4291845822 (0xFFD05EBE)
YUV	139.0300, 25.1282, 60.4867
Hunter-Lab	50.1328, 52.2302, -25.8074

Details

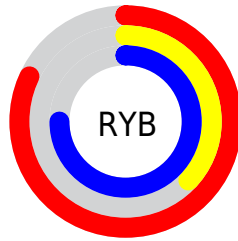
The RYB color **208, 94, 190** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **94, 192, 208**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **255, 149, 247**, and **151, 37, 136** is the 20% darker color. If you saturate the color by 10%, you get **208, 73, 187**, and if you desaturate by 10%, it is **208, 115, 193**.

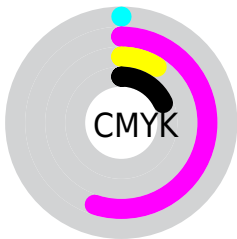
Distribution



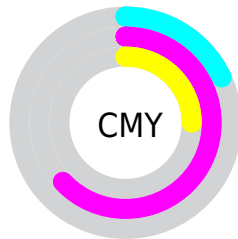
- Red (82%)
- Green (37%)
- Blue (75%)



- Red (82%)
- Yellow (37%)
- Blue (75%)



- Cyan (0%)
- Magenta (55%)
- Yellow (9%)
- Black (18%)





- Cyan (18%)
- Magenta (63%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 94, 190 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 208, 94, 190 by changing the saturation by 10% instead.


 208, 94, 190

 208, 94, 190

255, 255, 255

 179, 66, 163

 255, 149, 247

 151, 37, 136

 255, 177, 255

 123, 0, 111

 255, 206, 255

 96, 0, 86

 255, 235, 255


 69, 0, 62

 45, 0, 40

 0, 0, 17

 0, 0, 0

 208, 94, 190

 208, 94, 190

■ 208, 73, 187

■ 208, 115, 193

■ 208, 52, 183

■ 208, 136, 197

■ 208, 32, 180

■ 208, 156, 200

■ 208, 11, 177

■ 208, 177, 203

■ 208, 0, 175

■ 208, 198, 206

■ 208, 217, 219

■ 208, 236, 240

■ 208, 248, 255

■ 208, 245, 255

Harmonies

Analogous

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



143, 120, 232



208, 94, 190



236, 79, 135

Triad

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



208, 94, 190



28, 160, 0



0, 89, 196

Complementary

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



208, 94, 190



94, 192, 208

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.



0, 87, 163



208, 94, 190



29, 151, 77

Square

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



208, 94, 190



204, 194, 31



0, 105, 160



0, 94, 237

Rectangle

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



208, 94, 190



236, 84, 98



0, 105, 160



0, 85, 179

Sweetspot

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



208, 94, 190



255, 214, 249



111, 94, 208



128, 103, 124



0, 0, 0



128, 128, 128

Same Dimension

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



208, 94, 190



255, 87, 228



208, 94, 134



105, 94, 103



168, 0, 142



41, 0, 34

Inverse Universe

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



208, 94, 190



255, 87, 228



94, 163, 208



105, 94, 103



168, 0, 142



41, 0, 34

Previews

White Background



This preview shows how the RYB color 208, 94, 190 looks on a white background.

Color Contrast Check

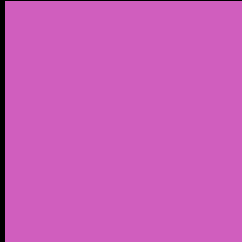
Large Text (above 18pt) WCAG AA ✓ Pass

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 208, 94, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

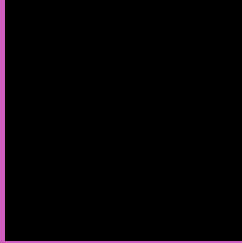
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RYB 208, 94, 190 Background



This preview shows how black text looks on a background with the RYB color 208, 94, 190.

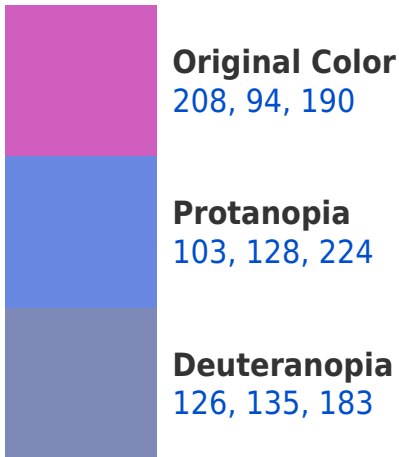



This preview shows how white text looks on a background with the RYB color 208, 94, 190.

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
200, 111, 119

Trichromacy



Original Color

208, 94, 190



Protanomaly

141, 120, 212



Deuteranomaly

156, 121, 186



Tritanomaly

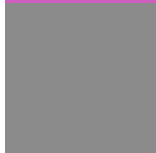
203, 105, 145

Monochromacy



Original Color

208, 94, 190



Achromatopsia

139, 139, 139



Achromatomaly

164, 123, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 94, 190 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(208, 94, 190) looks like.

```
.text, #text, p{  
    color:rgb(208, 94, 190)  
}
```

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(208, 94, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 94, 190) }
```

Border

The CSS property to change the border of an element to RYB 208, 94, 190 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(208, 94, 190) }
```

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

```
.border{ border-color:rgb(208, 94, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 94, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 94, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 94, 190);  
box-shadow:4px 4px 4px 4px rgb(208, 94,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 208, 94, 190 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 94, 190) }
```

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

```
.background{ background-color: rgb(208, 94,  
190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor