

Converting Colors

`RYB(208, 107, 210)`

Have a look what the booklet for
RYB(208, 107, 210) contains.

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Color

$\text{RYB}(208, 107, 210)$

Conversions

Conversions Part 1

Format	Color
Hex	D06BD2
RGB	208, 107, 210
RGB Percent	82%, 42%, 82%
CMY	0.1843, 0.5804, 0.1765
CMYK	0.01, 0.49, 0.00, 0.18
HSL	299°, 53%, 62%
HSV	299°, 49%, 82%
XYZ	42.9030, 28.5784, 64.2277
YIQ	148.9410, 27.1330, 53.4450

Conversions

Conversions Part 2

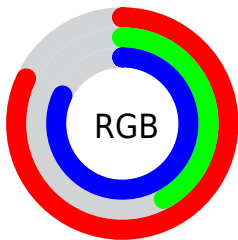
Format	Color
R_{YB}	208, 107, 210
Decimal	13659090
CIE _{Lab}	60.41, 54.20, -36.00
CIE _{LCh}	60, 65.067, 326.413
Yxy	28.5784, 0.3161, 0.2106
Android (android.graphics.Color)	4291849170 (0xFFD06BD2)
YUV	148.9410, 30.1021, 51.7947
Hunter-Lab	53.4588, 49.7010, -33.8124

Details

The RYB color **208, 107, 210** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **107, 210, 208**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **255, 162, 255**, and **151, 53, 155** is the 20% darker color. If you saturate the color by 10%, you get **208, 86, 210**, and if you desaturate by 10%, it is **208, 128, 210**.

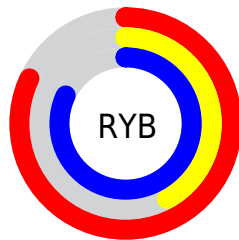
Distribution



Red (82%)

Green (42%)

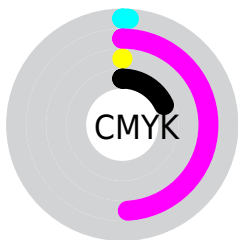
Blue (82%)



Red (82%)

Yellow (42%)

Blue (82%)

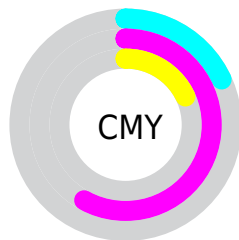


Cyan (1%)

Magenta (49%)

Yellow (0%)

Black (18%)



Cyan (18%)

Magenta (58%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 107, 210 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, 107, 210 by changing the saturation by 10% instead.


 208, 107, 210

 208, 107, 210

255, 255, 255

 179, 80, 182

 255, 162, 255

 151, 53, 155

 255, 190, 255

 124, 22, 129

 255, 218, 255

 97, 0, 103

 255, 248, 255

 70, 0, 79

 48, 0, 56

 10, 0, 33

 0, 0, 5

 0, 0, 0

 208, 107, 210

 208, 107, 210

 208, 86, 210


 208, 128, 210


 207, 65, 210

 209, 149, 210

 207, 44, 210

 209, 170, 210

 206, 23, 210

 210, 191, 210

 206, 2, 210

 210, 212, 212

 206, 0, 210

 210, 233, 233

 210, 254, 253

 210, 255, 254

 210, 255, 253

Harmonies

Analogous

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



131, 133, 249



208, 107, 210



244, 88, 155

Triad

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



208, 107, 210



51, 180, 1



0, 91, 195

Complementary

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



208, 107, 210



107, 210, 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, 96, 172



208, 107, 210



26, 157, 59

Square

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



208, 107, 210



222, 162, 48



32, 133, 167



0, 99, 241

Rectangle

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



208, 107, 210



249, 90, 117



32, 133, 167



0, 87, 176

Sweetspot

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



208, 107, 210



254, 217, 255



107, 110, 210



127, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



208, 107, 210



252, 105, 255



210, 107, 162



104, 94, 105



165, 0, 168



40, 0, 41

Inverse Universe

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



210, 107, 109



255, 105, 107



107, 177, 210



105, 94, 94



168, 0, 3



41, 0, 1

Previews

White Background



This preview shows how the RYB color 208, 107, 210 looks on a white background.

Color Contrast Check

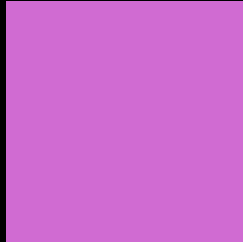
Large Text (above 18pt) WCAG AA ✓ Pass

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, 107, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

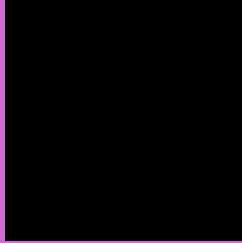
Any Text WCAG AA ✓ Pass

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, 107, 210 Background



This preview shows how black text looks on a background with the RYB color 208, 107, 210.

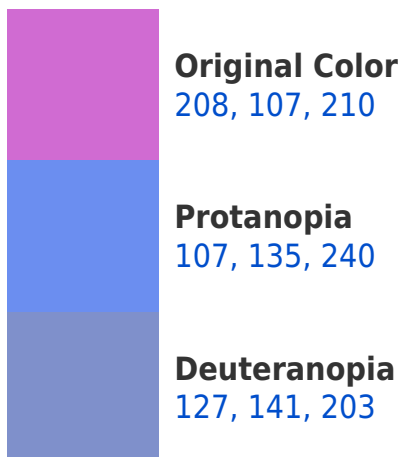


This preview shows how white text looks on a background with the RYB color 208, 107, 210.

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
199, 125, 134

Trichromacy



Original Color

208, 107, 210



Protanomaly

144, 130, 229



Deuteranomaly

156, 131, 206



Tritanomaly

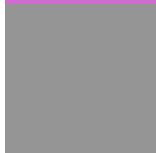
202, 118, 162

Monochromacy



Original Color

208, 107, 210



Achromatopsia

149, 149, 149



Achromatomaly

170, 134, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 107, 210 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, 107, 210) looks like.

```
.text, #text, p{  
    color:rgb(208, 107, 210)  
}
```

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, 107, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 107, 210) }
```

Border

The CSS property to change the border of an element to RYB 208, 107, 210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

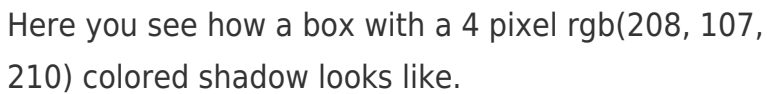
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 107, 210) }
```

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

```
.border{ border-color:rgb(208, 107, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 107, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 107, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 107, 210);  
box-shadow:4px 4px 4px 4px rgb(208, 107,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 208, 107, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 107, 210) }
```

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

```
.background{ background-color: rgb(208,  
107, 210) }
```

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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