

Converting Colors

`RYB(206, 109, 191)`

Have a look what the booklet for
RYB(206, 109, 191) contains.

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Color

R_YB(206, 109, 191)

Conversions

Conversions Part 1

Format	Color
Hex	CE6DBF
RGB	206, 109, 191
RGB Percent	81%, 43%, 75%
CMY	0.1922, 0.5725, 0.2510
CMYK	0.00, 0.47, 0.07, 0.19
HSL	309°, 50%, 62%
HSV	309°, 47%, 81%
XYZ	40.3262, 27.8207, 52.5347
YIQ	147.3510, 31.4900, 46.0660

Conversions

Conversions Part 2

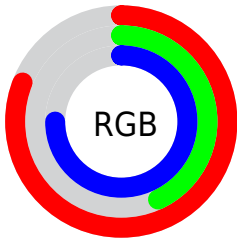
Format	Color
R _Y B	206, 109, 191
Decimal	13528511
CIE Lab	59.73, 49.30, -26.30
CIE LCh	60, 55.880, 331.921
Yxy	27.8207, 0.3342, 0.2305
Android (android.graphics.Color)	4291718591 (0xFFCE6DBF)
YUV	147.3510, 21.5190, 51.4352
Hunter-Lab	52.7453, 44.1671, -22.1316

Details

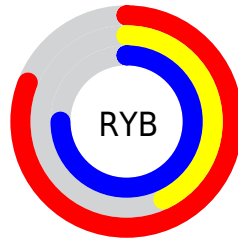
The RYB color **206, 109, 191** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **109, 193, 206**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **255, 163, 248**, and **150, 56, 137** is the 20% darker color. If you saturate the color by 10%, you get **206, 88, 188**, and if you desaturate by 10%, it is **206, 130, 194**.

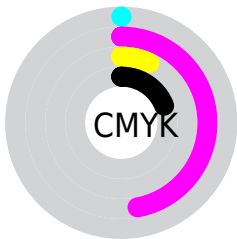
Distribution



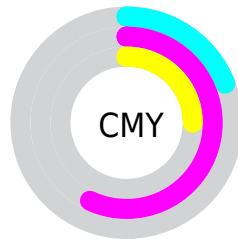
- Red (81%)
- Green (43%)
- Blue (75%)



- Red (81%)
- Yellow (43%)
- Blue (75%)



- Cyan (0%)
- Magenta (47%)
- Yellow (7%)
- Black (19%)



- Cyan (19%)
- Magenta (57%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 109, 191 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 206, 109, 191 by changing the saturation by 10% instead.

 206, 109, 191

 206, 109, 191

255, 255, 255

 177, 83, 164

 255, 163, 248

 150, 56, 137

 255, 191, 255

 122, 27, 112

 255, 220, 255

 96, 0, 87

 255, 249, 255


 70, 0, 63

 48, 0, 41

 3, 0, 19

 0, 0, 0

 206, 109, 191

 206, 109, 191

■ 206, 88, 188

■ 206, 130, 194

■ 206, 68, 185

■ 206, 150, 197

■ 206, 47, 181

■ 206, 171, 201

■ 206, 27, 178

■ 206, 191, 204

■ 206, 6, 175

■ 206, 211, 212

■ 206, 0, 174

■ 206, 230, 233

■ 206, 247, 253

■ 206, 247, 255

■ 206, 244, 255

Harmonies

Analogous

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



149, 130, 228



206, 109, 191



232, 98, 143

Triad

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



206, 109, 191



67, 167, 36



0, 90, 195

Complementary

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



206, 109, 191



109, 193, 206

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, 90, 168



206, 109, 191



54, 156, 93

Square

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



206, 109, 191



206, 180, 56



38, 125, 164



0, 95, 230

Rectangle

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



206, 109, 191



233, 101, 110



38, 125, 164



0, 86, 179

Sweetspot

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



206, 109, 191



255, 219, 249



124, 109, 206



128, 106, 124



0, 0, 0



128, 128, 128

Same Dimension

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



206, 109, 191



255, 110, 233



206, 109, 143



102, 92, 100



166, 0, 140



38, 0, 32

Inverse Universe

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



206, 109, 191



255, 110, 233



109, 168, 206



102, 92, 100



166, 0, 140



38, 0, 32

Previews

White Background



This preview shows how the RYB color 206, 109, 191 looks on a white background.

Color Contrast Check

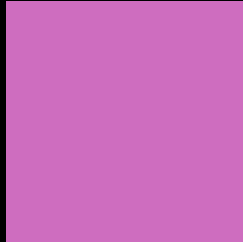
Large Text (above 18pt) WCAG AA ✓ Pass

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 206, 109, 191 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 206, 109, 191 Background



This preview shows how black text looks on a background with the RYB color 206, 109, 191.

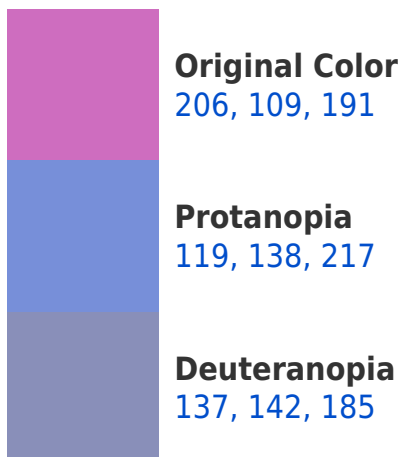


This preview shows how white text looks on a background with the RYB color 206, 109, 191.

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, 122, 131

Trichromacy



Original Color

206, 109, 191



Protanomaly

151, 130, 208



Deuteranomaly

162, 130, 187



Tritanomaly

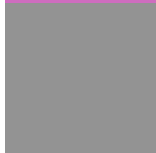
202, 117, 153

Monochromacy



Original Color

206, 109, 191



Achromatopsia

147, 147, 147



Achromatomaly

168, 133, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 109, 191 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(206, 109, 191)` looks like.

```
.text, #text, p{  
    color:rgb(206, 109, 191)  
}
```

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(206, 109, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 109, 191) }
```

Border

The CSS property to change the border of an element to RYB 206, 109, 191 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(206, 109, 191) }
```

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

```
.border{ border-color:rgb(206, 109, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 109, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 109, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 109, 191);  
box-shadow:4px 4px 4px 4px rgb(206, 109,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 206, 109, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 109, 191) }
```

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

```
.background{ background-color: rgb(206,  
109, 191) }
```

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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