

Converting Colors

`RYB(192, 10, 196)`

Have a look what the booklet for
RYB(192, 10, 196) contains.

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Color

R_YB(192, 10, 196)

Conversions

Conversions Part 1

Format	Color
Hex	C00AC4
RGB	192, 10, 196
RGB Percent	75%, 4%, 77%
CMY	0.2471, 0.9608, 0.2314
CMYK	0.02, 0.95, 0.00, 0.23
HSL	299°, 90%, 40%
HSV	299°, 95%, 77%
XYZ	31.8106, 15.4091, 53.5222
YIQ	85.6220, 48.7660, 96.4300

Conversions

Conversions Part 2

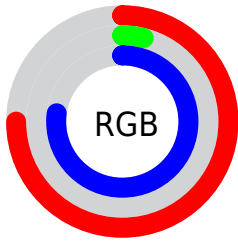
Format	Color
R_{YB}	192, 10, 196
Decimal	12585668
CIE _{Lab}	46.19, 79.09, -50.62
CIE _{LCh}	46, 93.901, 327.380
Yxy	15.4091, 0.3158, 0.1530
Android (android.graphics.Color)	4290775748 (0xFFC00AC4)
YUV	85.6220, 54.4164, 93.2935
Hunter-Lab	39.2544, 75.9558, -53.3621

Details

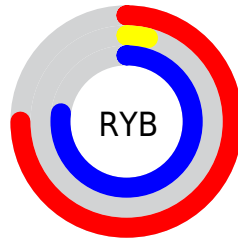
The RYB color **192, 10, 196** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **10, 196, 192**, and the grayscale version is **85, 85, 85**.

A 20% lighter version of the original color is **252, 92, 253**, and **133, 0, 141** is the 20% darker color. If you saturate the color by 10%, you get **192, 0, 196**, and if you desaturate by 10%, it is **192, 30, 196**.

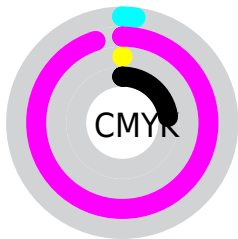
Distribution



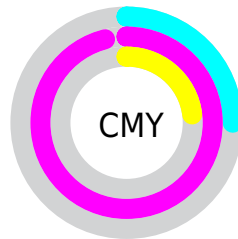
- Red (75%)
- Green (4%)
- Blue (77%)



- Red (75%)
- Yellow (4%)
- Blue (77%)



- Cyan (2%)
- Magenta (95%)
- Yellow (0%)
- Black (23%)



- Cyan (25%)
- Magenta (96%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 10, 196 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, 10, 196 by changing the saturation by 10% instead.

 192, 10, 196

 192, 10, 196

255, 255, 255

 163, 0, 168

 252, 92, 253

 133, 0, 141

 255, 123, 255

 105, 0, 115

 255, 152, 255

 77, 0, 90

 255, 182, 255

 49, 0, 66

 255, 212, 255

 14, 0, 42

 255, 242, 255

 0, 1, 20

 0, 0, 0

 192, 10, 196

 192, 10, 196

■ 192, 0, 196

■ 192, 30, 196

■ 193, 49, 196

■ 193, 69, 196

■ 194, 88, 196

■ 194, 108, 196

■ 195, 128, 196

■ 195, 147, 196

■ 195, 167, 196

■ 196, 186, 196

Harmonies

Analogous

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



53, 86, 252



192, 10, 196



236, 0, 120

Triad

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



192, 10, 196



47, 140, 0



0, 79, 181

Complementary

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



192, 10, 196



10, 196, 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.



0, 81, 139



192, 10, 196



0, 125, 66

Square

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



192, 10, 196



197, 95, 0



0, 135, 135



0, 88, 244

Rectangle

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



192, 10, 196



238, 0, 69



0, 135, 135



0, 74, 155

Sweetspot

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



192, 10, 196



253, 184, 255



10, 16, 196



127, 84, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 10, 196



250, 0, 255



196, 10, 109



97, 87, 97



157, 0, 161



32, 0, 33

Inverse Universe

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



196, 10, 14



255, 0, 5



10, 137, 196



97, 87, 87



161, 0, 3



33, 0, 1

Previews

White Background



This preview shows how the RYB color 192, 10, 196 looks on a white background.

Color Contrast Check

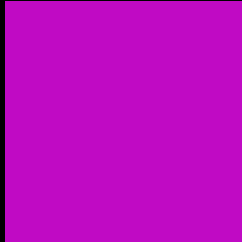
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 192, 10, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

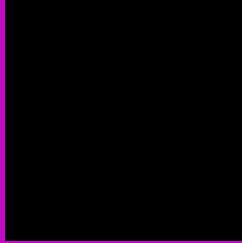
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 192, 10, 196 Background



This preview shows how black text looks on a background with the RYB color 192, 10, 196.

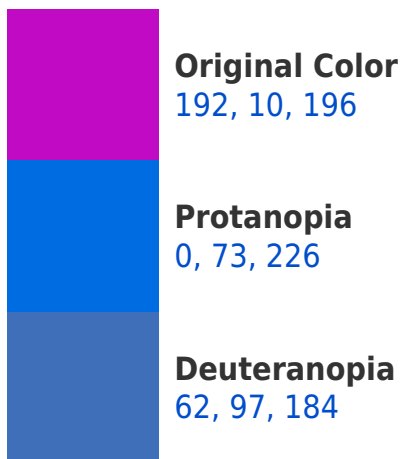


This preview shows how white text looks on a background with the RYB color 192, 10, 196.

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
179, 77, 82

Trichromacy



Original Color

192, 10, 196



Protanomaly

70, 72, 215



Deuteranomaly

109, 75, 188



Tritanomaly

184, 53, 123

Monochromacy



Original Color

192, 10, 196



Achromatopsia

86, 86, 86



Achromatomaly

125, 58, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 10, 196 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, 10, 196)` looks like.

```
.text, #text, p{  
    color:rgb(192, 10, 196)  
}
```

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, 10, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 10, 196) }
```

Border

The CSS property to change the border of an element to RYB 192, 10, 196 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, 10, 196) }
```

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

```
.border{ border-color:rgb(192, 10, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 10, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 10, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 10, 196);  
box-shadow:4px 4px 4px 4px rgb(192, 10,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 192, 10, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 10, 196) }
```

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

```
.background{ background-color: rgb(192, 10,  
196) }
```

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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