

Converting Colors

`RYB(192, 12, 188)`

Have a look what the booklet for
RYB(192, 12, 188) contains.

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Color

R_YB(192, 12, 188)

Conversions

Conversions Part 1

Format	Color
Hex	C00CBC
RGB	192, 12, 188
RGB Percent	75%, 5%, 74%
CMY	0.2471, 0.9529, 0.2627
CMYK	0.00, 0.94, 0.02, 0.25
HSL	301°, 88%, 40%
HSV	301°, 94%, 75%
XYZ	30.9468, 15.1003, 48.8605
YIQ	85.8840, 50.7840, 92.8960

Conversions

Conversions Part 2

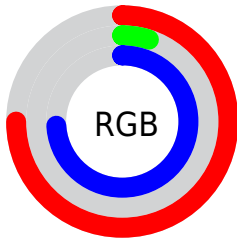
Format	Color
R_{YB}	192, 12, 188
Decimal	12586172
CIE _{Lab}	45.77, 77.72, -46.62
CIE _{LCh}	46, 90.630, 329.045
Yxy	15.1003, 0.3261, 0.1591
Android (android.graphics.Color)	4290776252 (0xFFC00CBC)
YUV	85.8840, 50.3432, 93.0637
Hunter-Lab	38.8590, 74.1516, -47.3486

Details

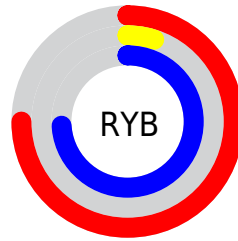
The RYB color **192, 12, 188** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **12, 188, 192**, and the grayscale version is **85, 85, 85**.

A 20% lighter version of the original color is **252, 92, 245**, and **134, 0, 134** is the 20% darker color. If you saturate the color by 10%, you get **192, 0, 188**, and if you desaturate by 10%, it is **192, 31, 188**.

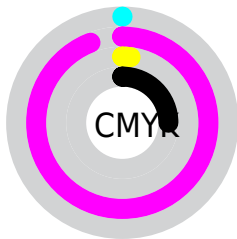
Distribution



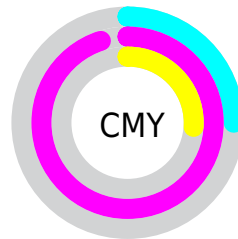
- Red (75%)
- Green (5%)
- Blue (74%)



- Red (75%)
- Yellow (5%)
- Blue (74%)



- Cyan (0%)
- Magenta (94%)
- Yellow (2%)
- Black (25%)



- Cyan (25%)
- Magenta (95%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 12, 188 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, 12, 188 by changing the saturation by 10% instead.



192, 12, 188



192, 12, 188

255, 255, 255



163, 0, 161



252, 92, 245



134, 0, 134



255, 122, 255



105, 0, 108



255, 152, 255



77, 0, 83



255, 182, 255



50, 0, 59



255, 211, 255



15, 0, 36



255, 241, 255



0, 0, 12



0, 0, 0



192, 12, 188



192, 12, 188

■ 192, 0, 188

■ 192, 31, 188

■ 192, 50, 189

■ 192, 70, 189

■ 192, 89, 190

■ 192, 108, 190

■ 192, 127, 191

■ 192, 146, 191

■ 192, 166, 191

■ 192, 185, 192

Harmonies

Analogous

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



74, 88, 244



192, 12, 188



231, 0, 114

Triad

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



192, 12, 188



39, 135, 0



0, 78, 181

Complementary

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



192, 12, 188



12, 188, 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, 78, 137



192, 12, 188



0, 124, 69

Square

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



192, 12, 188



191, 106, 0



0, 124, 133



0, 86, 240

Rectangle

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



192, 12, 188



233, 0, 65



0, 124, 133



0, 73, 156

Sweetspot

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



192, 12, 188



250, 180, 248



15, 12, 192



125, 82, 124



252, 252, 252



125, 125, 125

Same Dimension

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



192, 12, 188



250, 0, 244



192, 12, 99



97, 87, 97



161, 0, 157



33, 0, 32

Inverse Universe

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



192, 12, 188



250, 0, 244



12, 131, 192



97, 87, 97



161, 0, 157



33, 0, 32

Previews

White Background



This preview shows how the RYB color 192, 12, 188 looks on a white background.

Color Contrast Check

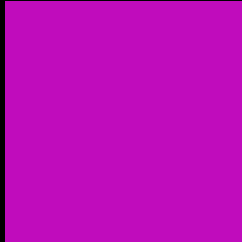
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

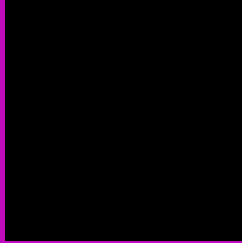
Any Text WCAG AA × Fail

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, 12, 188 Background



This preview shows how black text looks on a background with the RYB color 192, 12, 188.

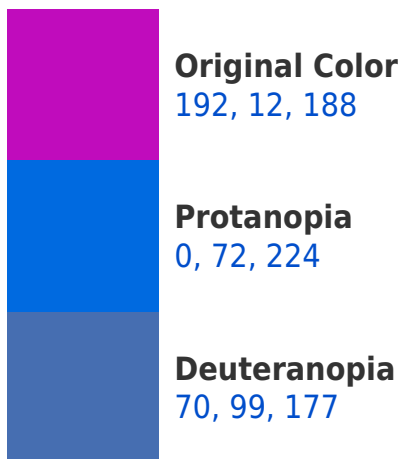


This preview shows how white text looks on a background with the RYB color 192, 12, 188.

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
181, 74, 79

Trichromacy



Original Color

192, 12, 188



Protanomaly

70, 72, 211



Deuteranomaly

114, 74, 181



Tritanomaly

185, 51, 119

Monochromacy



Original Color

192, 12, 188



Achromatopsia

86, 86, 86



Achromatomaly

125, 59, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 12, 188 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, 12, 188)` looks like.

```
.text, #text, p{  
    color:rgb(192, 12, 188)  
}
```

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, 12, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 12, 188) }
```

Border

The CSS property to change the border of an element to RYB 192, 12, 188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

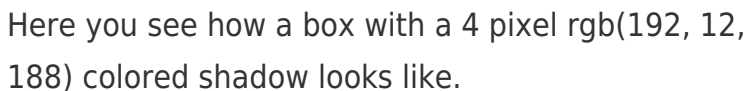
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 12, 188) }
```

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

```
.border{ border-color:rgb(192, 12, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 12, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 12, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 12, 188); box-shadow:4px 4px 4px 4px rgb(192, 12, 188) }
```

Background

The CSS property to change the background color of an element to RGB 192, 12, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 12, 188) }
```

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

```
.background{ background-color: rgb(192, 12,  
188) }
```

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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