

Converting Colors

`RYB(190, 8, 222)`

Have a look what the booklet for
RYB(190, 8, 222) contains.

RYB(190, 8, 222)	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

R_YB(190, 8, 222)

Conversions

Conversions Part 1

Format	Color
Hex	BE08DE
RGB	190, 8, 222
RGB Percent	75%, 3%, 87%
CMY	0.2549, 0.9686, 0.1294
CMYK	0.14, 0.96, 0.00, 0.13
HSL	291°, 93%, 45%
HSV	291°, 96%, 87%
XYZ	34.5069, 16.3947, 70.4530
YIQ	86.8140, 39.7780, 105.1380

Conversions

Conversions Part 2

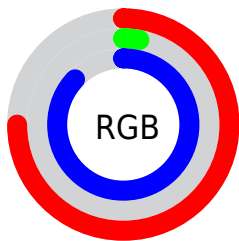
Format	Color
RYB	190, 8, 222
Decimal	12454110
CIELab	47.49, 83.04, -63.52
CIELCh	47, 104.547, 322.583
Yxy	16.3947, 0.2843, 0.1351
Android (android.graphics.Color)	4290644190 (0xFFBE08DE)
YUV	86.8140, 66.6467, 90.4941
Hunter-Lab	40.4904, 81.2635, -74.8209

Details

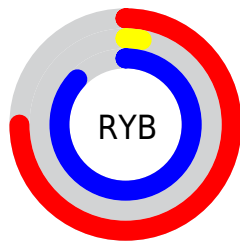
The RYB color **190, 8, 222** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **8, 222, 190**, and the grayscale version is **86, 86, 86**.

A 20% lighter version of the original color is **251, 93, 255**, and **131, 0, 166** is the 20% darker color. If you saturate the color by 10%, you get **189, 0, 222**, and if you desaturate by 10%, it is **193, 30, 222**.

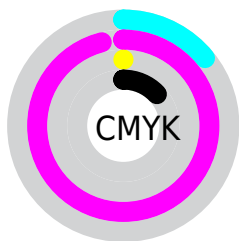
Distribution



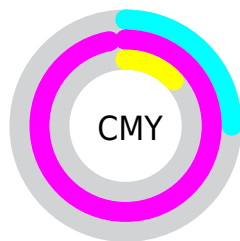
- Red (75%)
- Green (3%)
- Blue (87%)



- Red (75%)
- Yellow (3%)
- Blue (87%)



- Cyan (14%)
- Magenta (96%)
- Yellow (0%)
- Black (13%)





















- Cyan (25%)
- Magenta (97%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 8, 222 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 190, 8, 222 by changing the saturation by 10% instead.

 190, 8, 222	 190, 8, 222
 255, 255, 255	 160, 0, 194
 251, 93, 255	 131, 0, 166
 255, 124, 255	 102, 0, 139
 255, 153, 255	 72, 0, 112
 255, 183, 255	 44, 0, 87
 255, 213, 255	 1, 0, 62
 255, 243, 255	 0, 3, 39
	 0, 1, 17
	 0, 0, 0

■ 190, 8, 222

■ 190, 8, 222

■ 189, 0, 222

■ 193, 30, 222

■ 197, 52, 222

■ 200, 75, 222

■ 203, 97, 222

■ 207, 119, 222

■ 210, 141, 222

■ 213, 163, 222

■ 217, 186, 222

■ 220, 208, 222

Harmonies

Analogous

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



0, 72, 255



190, 8, 222



249, 0, 139

Triad

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



190, 8, 222



83, 156, 0



0, 80, 179

Complementary

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



190, 8, 222



8, 222, 190

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, 89, 143



190, 8, 222



0, 127, 57

Square

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



190, 8, 222



217, 55, 0



0, 139, 139



0, 92, 255

Rectangle

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



190, 8, 222



255, 0, 81



0, 139, 139



0, 73, 149

Sweetspot

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



190, 8, 222



244, 181, 255



8, 36, 222



121, 83, 128



0, 0, 0



128, 128, 128

Same Dimension

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



190, 8, 222



217, 0, 255



222, 8, 147



111, 101, 112



150, 0, 176



41, 0, 48

Inverse Universe

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



222, 8, 40



255, 0, 38



8, 166, 222



112, 101, 103



176, 0, 26



48, 0, 7

Previews

White Background



This preview shows how the RYB color 190, 8, 222 looks on a white background.

Color Contrast Check

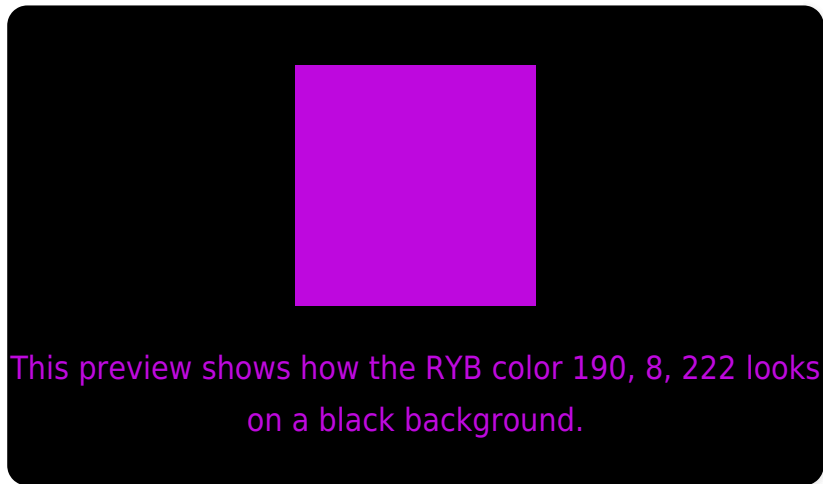
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

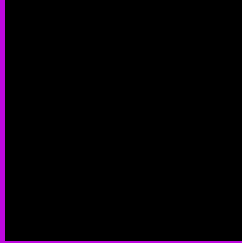
Any Text WCAG AA × Fail

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](#).

R Y B 190, 8, 222 Background



This preview shows how black text looks on a background with the R Y B color 190, 8, 222.

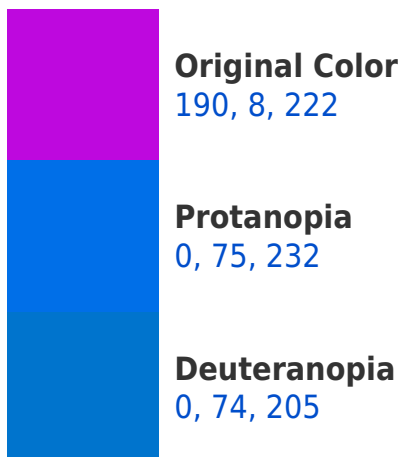


This preview shows how white text looks on a background with the R Y B color 190, 8, 222.

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
173, 87, 93

Trichromacy



Original Color

190, 8, 222



Protanomaly

69, 73, 228



Deuteranomaly

69, 77, 211



Tritanomaly

179, 58, 140

Monochromacy



Original Color

190, 8, 222



Achromatopsia

87, 87, 87



Achromatomaly

124, 58, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 8, 222 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(190, 8, 222)` looks like.

```
.text, #text, p{  
    color:rgb(190, 8, 222)  
}
```

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(190, 8, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 8, 222) }
```

Border

The CSS property to change the border of an element to RYB 190, 8, 222 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(190, 8, 222) }
```

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

```
.border{ border-color:rgb(190, 8, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 8, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 8, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 8, 222);  
box-shadow:4px 4px 4px 4px rgb(190, 8,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 190, 8, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 8, 222) }
```

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

```
.background{ background-color: rgb(190, 8,  
222) }
```

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