

Converting Colors

RGB(191, 13, 174)

Have a look what the booklet for
RGB(191, 13, 174) contains.

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Color

RGB(191, 13, 174)

Conversions

Conversions Part 1

Format	Color
Hex	BF0DAE
RGB	191, 13, 174
RGB Percent	75%, 5%, 68%
CMY	0.2510, 0.9490, 0.3176
CMYK	0.00, 0.93, 0.09, 0.25
HSL	306°, 87%, 40%
HSV	306°, 93%, 75%
XYZ	29.2698, 14.4202, 41.2851
YIQ	84.5760, 54.4070, 87.8070

Conversions

Conversions Part 2

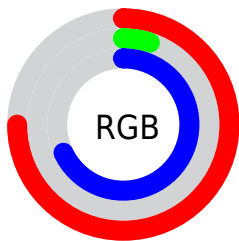
Format	Color
RYB	191, 13, 174
Decimal	12520878
CIELab	44.83, 75.45, -39.88
CIElCh	45, 85.341, 332.142
Yxy	14.4202, 0.3445, 0.1697
Android (android.graphics.Color)	4290710958 (0xFFBF0DAE)
YUV	84.5760, 44.0860, 93.3338
Hunter-Lab	37.9739, 71.1308, -37.8780

Details

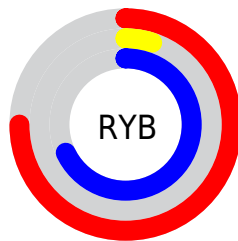
The RGB color **191, 13, 174** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **13, 191, 30**, and the grayscale version is **84, 84, 84**.

A 20% lighter version of the original color is **251, 92, 230**, and **133, 0, 121** is the 20% darker color. If you saturate the color by 10%, you get **191, 0, 173**, and if you desaturate by 10%, it is **191, 32, 176**.

Distribution



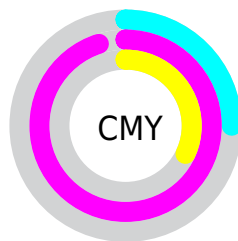
- Red (75%)
- Green (5%)
- Blue (68%)



- Red (75%)
- Yellow (5%)
- Blue (68%)



- Cyan (0%)
- Magenta (93%)
- Yellow (9%)
- Black (25%)




- Cyan (25%)
- Magenta (95%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the RGB color 191, 13, 174 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 RGB color 191, 13, 174 by changing the saturation by 10% instead.

 191, 13, 174

255, 255, 255

 251, 92, 230


 255, 122, 255

 255, 151, 255

 255, 180, 255

 255, 210, 255

 255, 240, 255

 191, 13, 174


 162, 0, 147

 133, 0, 121


 104, 0, 96

 77, 0, 71

 49, 0, 48


 10, 0, 26


 0, 0, 0


 191, 13, 174


 191, 0, 173


 191, 13, 174


 191, 32, 176


 191, 51, 178


 191, 70, 179


 191, 89, 181

 191, 109, 183

 191, 128, 185

 191, 147, 187

 191, 166, 189

 191, 185, 190

Harmonies

Analogous

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



97, 83, 229



191, 13, 174



223, 0, 104

Triad

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



191, 13, 174



125, 105, 0



0, 134, 181

Complementary

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



191, 13, 174



13, 191, 30

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, 134, 110



191, 13, 174



46, 122, 0

Square

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



191, 13, 174



180, 73, 0



0, 130, 30



0, 130, 234

Rectangle

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



191, 13, 174



222, 0, 58



0, 130, 30



0, 134, 158

Sweetspot

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



191, 13, 174



247, 178, 241



28, 13, 191



125, 82, 121



252, 252, 252



125, 125, 125

Same Dimension

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



191, 13, 174



247, 0, 224



191, 13, 87



94, 85, 93



158, 0, 143



31, 0, 28

Inverse Universe

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



191, 13, 174



247, 0, 224



13, 191, 117



94, 85, 93



158, 0, 143



31, 0, 28

Previews

White Background



This preview shows how the RGB color 191, 13, 174 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 RGB color 191, 13, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

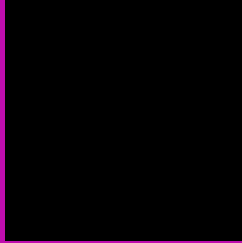
Any Text WCAG AA × Fail

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](#).

RGB 191, 13, 174 Background



This preview shows how black text looks on a background with the RGB color 191, 13, 174.

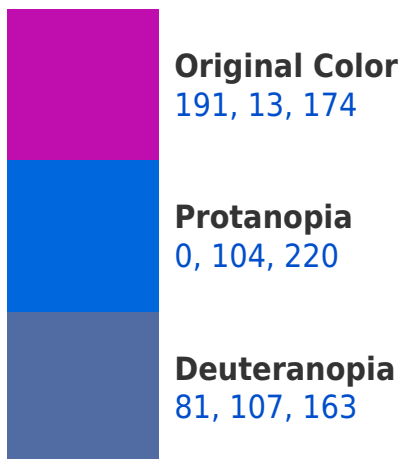


This preview shows how white text looks on a background with the RGB color 191, 13, 174.

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, 69, 73

Trichromacy



Original Color

191, 13, 174



Protanomaly

69, 71, 203



Deuteranomaly

121, 73, 167



Tritanomaly

185, 49, 110

Monochromacy



Original Color

191, 13, 174



Achromatopsia

85, 85, 85



Achromatomaly

124, 59, 117

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 13, 174 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(191, 13, 174)` looks like.

```
.text, #text, p{  
    color:rgb(191, 13, 174)  
}
```

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(191, 13, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 13, 174) }
```

Border

The CSS property to change the border of an element to RGB 191, 13, 174 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(191, 13, 174) }
```

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

```
.border{ border-color:rgb(191, 13, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 13, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 13, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 13, 174);  
box-shadow:4px 4px 4px 4px rgb(191, 13,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 191, 13, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 13, 174) }
```

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

```
.background{ background-color: rgb(191, 13,  
174) }
```

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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