

Converting Colors

RGB(211, 13, 162)

Have a look what the booklet for
RGB(211, 13, 162) contains.

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Color

RGB(211, 13, 162)

Conversions

Conversions Part 1

Format	Color
Hex	D30DA2
RGB	211, 13, 162
RGB Percent	83%, 5%, 64%
CMY	0.1725, 0.9490, 0.3647
CMYK	0.00, 0.94, 0.23, 0.17
HSL	315°, 88%, 44%
HSV	315°, 94%, 83%
XYZ	33.5295, 16.7454, 35.6474
YIQ	89.1880, 70.1790, 88.3150

Conversions

Conversions Part 2

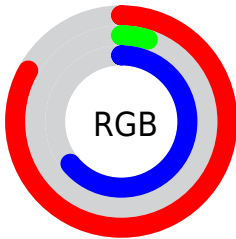
Format	Color
R_{YB}	211, 13, 162
Decimal	13831586
CIE _{Lab}	47.94, 77.70, -27.61
CIE _{LCh}	48, 82.457, 340.440
Yxy	16.7454, 0.3902, 0.1949
Android (android.graphics.Color)	4292021666 (0xFFD30DA2)
YUV	89.1880, 35.8963, 106.8291
Hunter-Lab	40.9211, 74.6454, -23.0042

Details

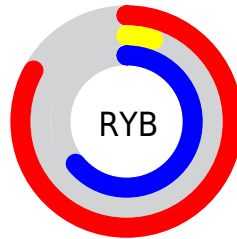
The RGB color **211, 13, 162** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **13, 211, 62**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **255, 95, 217**, and **151, 0, 110** is the 20% darker color. If you saturate the color by 10%, you get **211, 0, 159**, and if you desaturate by 10%, it is **211, 34, 167**.

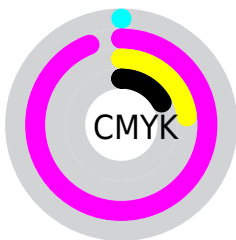
Distribution



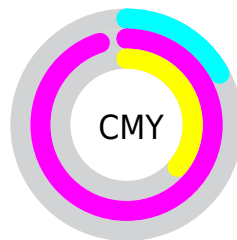
- Red (83%)
- Green (5%)
- Blue (64%)



- Red (83%)
- Yellow (5%)
- Blue (64%)



- Cyan (0%)
- Magenta (94%)
- Yellow (23%)
- Black (17%)





- Cyan (17%)
- Magenta (95%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RGB color 211, 13, 162 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 211, 13, 162 by changing the saturation by 10% instead.

 211, 13, 162

 211, 13, 162

255, 255, 255

 181, 0, 136

 255, 95, 217

 151, 0, 110

 255, 125, 246

 122, 0, 85

 255, 155, 255

 93, 0, 62

 255, 185, 255


 66, 0, 40

 255, 215, 255

 36, 0, 16


 255, 245, 255

 0, 0, 0

 211, 13, 162

 211, 13, 162

 211, 0, 159

 211, 34, 167

■ 211, 55, 172

■ 211, 76, 178

■ 211, 97, 183

■ 211, 119, 188

■ 211, 140, 193

■ 211, 161, 199

■ 211, 182, 204

■ 211, 203, 209

Harmonies

Analogous

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



142, 80, 221



211, 13, 162



231, 0, 93

Triad

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



211, 13, 162



117, 119, 0



0, 141, 204

Complementary

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



211, 13, 162



13, 211, 62

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, 142, 137



211, 13, 162



16, 133, 0

Square

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



211, 13, 162



175, 93, 0



0, 139, 63



0, 134, 247

Rectangle

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



211, 13, 162



224, 24, 48



0, 139, 63



0, 142, 183

Sweetspot

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



211, 13, 162



255, 184, 237



59, 13, 211



128, 84, 117



0, 0, 0



128, 128, 128

Same Dimension

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



211, 13, 162



255, 0, 192



211, 13, 66



105, 94, 102



168, 0, 127



41, 0, 31

Inverse Universe

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



211, 13, 162



255, 0, 192



13, 211, 158



105, 94, 102



168, 0, 127



41, 0, 31

Previews

White Background



This preview shows how the RGB color 211, 13, 162 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 211, 13, 162 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 211, 13, 162 Background



This preview shows how black text looks on a background with the RGB color 211, 13, 162.

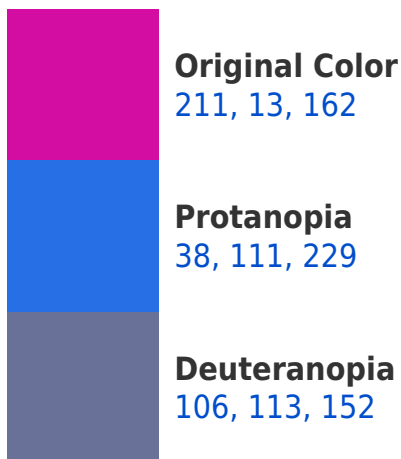


This preview shows how white text looks on a background with the RGB color 211, 13, 162.

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
204, 65, 68

Trichromacy



Original Color

211, 13, 162



Protanomaly

101, 75, 205



Deuteranomaly

144, 77, 156



Tritanomaly

207, 46, 102

Monochromacy



Original Color

211, 13, 162



Achromatopsia

89, 89, 89



Achromatomaly

133, 61, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 211, 13, 162 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(211, 13, 162)` looks like.

```
.text, #text, p{  
    color:rgb(211, 13, 162)  
}
```

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(211, 13, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 13, 162) }
```

Border

The CSS property to change the border of an element to RGB 211, 13, 162 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(211, 13, 162) }
```

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

```
.border{ border-color:rgb(211, 13, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 13, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 13, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 13, 162);  
box-shadow:4px 4px 4px 4px rgb(211, 13,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 211, 13, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 13, 162) }
```

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

```
.background{ background-color: rgb(211, 13,  
162) }
```

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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