

Converting Colors

`RYB(211, 0, 166)`

Have a look what the booklet for
RYB(211, 0, 166) contains.

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Color

R_YB(211, 0, 166)

Conversions

Conversions Part 1

Format	Color
Hex	D300A6
RGB	211, 0, 166
RGB Percent	83%, 0%, 65%
CMY	0.1725, 1.0000, 0.3490
CMYK	0.00, 1.00, 0.21, 0.17
HSL	313°, 100%, 41%
HSV	313°, 100%, 83%
XYZ	33.7469, 16.6021, 37.5023
YIQ	82.0130, 72.4700, 96.3580

Conversions

Conversions Part 2

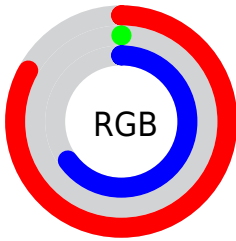
Format	Color
R_{YB}	211, 0, 166
Decimal	13828262
CIE _{Lab}	47.75, 79.25, -30.27
CIE _{LCh}	48, 84.834, 339.094
Yxy	16.6021, 0.3841, 0.1890
Android (android.graphics.Color)	4292018342 (0xFFD300A6)
YUV	82.0130, 41.4056, 113.1216
Hunter-Lab	40.7456, 76.5349, -26.0485

Details

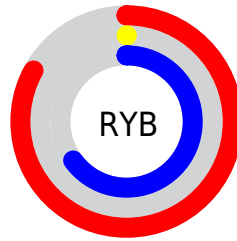
The RYB color **211, 0, 166** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **0, 174, 211**, and the grayscale version is **82, 82, 82**.

A 20% lighter version of the original color is **255, 92, 221**, and **151, 0, 114** is the 20% darker color. If you saturate the color by 10%, you get **211, 0, 166**, and if you desaturate by 10%, it is **211, 21, 171**.

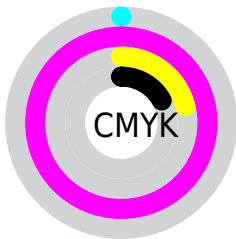
Distribution



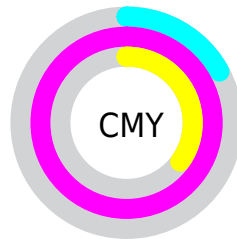
- Red (83%)
- Green (0%)
- Blue (65%)



- Red (83%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (17%)





- Cyan (17%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the RYB color 211, 0, 166 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 211, 0, 166 by changing the saturation by 10% instead.

 211, 0, 166

 211, 0, 166

255, 255, 255

 181, 0, 139

 255, 92, 221

 151, 0, 114

 255, 123, 250

 122, 0, 89

 255, 153, 255

 93, 0, 65

 255, 183, 255

 66, 0, 43


 255, 213, 255

 36, 0, 20

 255, 243, 255

 0, 0, 0

 211, 0, 166

 211, 21, 171

■ 211, 42, 175

■ 211, 63, 179

■ 211, 84, 184

■ 211, 106, 188

■ 211, 127, 193

■ 211, 148, 197

■ 211, 169, 202

■ 211, 190, 206

Harmonies

Analogous

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



137, 81, 226



211, 0, 166



234, 0, 95

Triad

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



211, 0, 166



1, 119, 0



0, 84, 203

Complementary

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



211, 0, 166



0, 174, 211

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, 73, 142



211, 0, 166



0, 132, 114

Square

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



211, 0, 166



174, 178, 0



0, 98, 139



0, 88, 249

Rectangle

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



211, 0, 166



227, 1, 49



0, 98, 139



0, 80, 182

Sweetspot

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



211, 0, 166



255, 179, 239



42, 0, 211



128, 82, 118



0, 0, 0



128, 128, 128

Same Dimension

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



211, 0, 166



255, 0, 201



211, 0, 63



105, 94, 102



168, 0, 132



41, 0, 32

Inverse Universe

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



211, 0, 166



255, 0, 201



0, 124, 211



105, 94, 102



168, 0, 132



41, 0, 32

Previews

White Background



This preview shows how the RYB color 211, 0, 166 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](#).

RYB 211, 0, 166 Background



This preview shows how black text looks on a background with the RYB color 211, 0, 166.

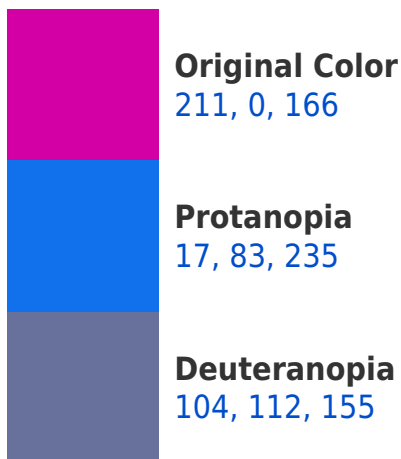


This preview shows how white text looks on a background with the RYB color 211, 0, 166.

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
203, 65, 69

Trichromacy



Original Color

211, 0, 166



Protanomaly

88, 71, 210



Deuteranomaly

143, 73, 159



Tritanomaly

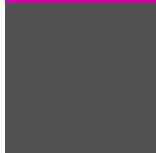
206, 41, 104

Monochromacy



Original Color

211, 0, 166



Achromatopsia

82, 82, 82



Achromatomaly

129, 52, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 0, 166 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, 0, 166)` looks like.

```
.text, #text, p{  
    color:rgb(211, 0, 166)  
}
```

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, 0, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 0, 166) }
```

Border

The CSS property to change the border of an element to RYB 211, 0, 166 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, 0, 166) }
```

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

```
.border{ border-color:rgb(211, 0, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 0, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 0, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 0, 166);  
box-shadow:4px 4px 4px 4px rgb(211, 0,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 211, 0, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 0, 166) }
```

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

```
.background{ background-color: rgb(211, 0,  
166) }
```

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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