

Converting Colors

`RYB(211, 44, 205)`

Have a look what the booklet for RYB(211, 44, 205) contains.

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Color

$\text{RYB}(211, 44, 205)$

Conversions

Conversions Part 1

Format	Color
Hex	D32CCD
RGB	211, 44, 205
RGB Percent	83%, 17%, 80%
CMY	0.1725, 0.8275, 0.1961
CMYK	0.00, 0.79, 0.03, 0.17
HSL	302°, 65%, 50%
HSV	302°, 79%, 83%
XYZ	38.7841, 20.0580, 59.5850
YIQ	112.2870, 47.8510, 85.4750

Conversions

Conversions Part 2

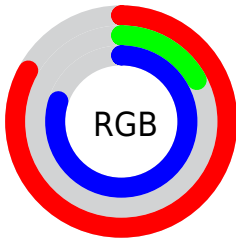
Format	Color
R_{YB}	211, 44, 205
Decimal	13839565
CIE Lab	51.90, 78.17, -46.52
CIE LCh	52, 90.967, 329.246
Yxy	20.0580, 0.3275, 0.1694
Android (android.graphics.Color)	4292029645 (0xFFD32CCD)
YUV	112.2870, 45.7075, 86.5713
Hunter-Lab	44.7862, 76.2022, -47.5311

Details

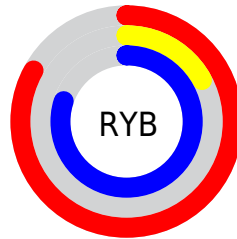
The RYB color **211, 44, 205** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **44, 205, 211**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **255, 110, 255**, and **152, 0, 150** is the 20% darker color. If you saturate the color by 10%, you get **211, 23, 204**, and if you desaturate by 10%, it is **211, 65, 206**.

Distribution



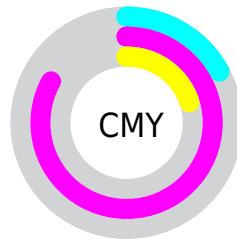
- Red (83%)
- Green (17%)
- Blue (80%)



- Red (83%)
- Yellow (17%)
- Blue (80%)



- Cyan (0%)
- Magenta (79%)
- Yellow (3%)
- Black (17%)





- Cyan (17%)
- Magenta (83%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 211, 44, 205 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, 44, 205 by changing the saturation by 10% instead.

 211, 44, 205

 211, 44, 205

255, 255, 255

 181, 0, 177

 255, 110, 255

 152, 0, 150

 255, 140, 255

 123, 0, 124

 255, 170, 255

 95, 0, 98

 255, 199, 255


 68, 0, 74


 255, 229, 255

 39, 0, 50

 0, 1, 28

 0, 0, 0

 211, 44, 205

 211, 44, 205

■ 211, 23, 204

■ 211, 65, 206

■ 211, 2, 203

■ 211, 86, 207

■ 211, 0, 203

■ 211, 107, 207

■ 211, 128, 208

■ 211, 150, 209

■ 211, 171, 210

■ 211, 192, 210

■ 211, 213, 213

■ 211, 233, 234

Harmonies

Analogous

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



98, 103, 255



211, 44, 205



252, 0, 129

Triad

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



211, 44, 205



42, 153, 0



0, 87, 199

Complementary

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



211, 44, 205



44, 205, 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, 87, 154



211, 44, 205



0, 140, 68

Square

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



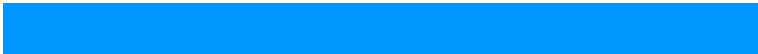
211, 44, 205



211, 140, 0



0, 124, 150



0, 95, 255

Rectangle

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



211, 44, 205



253, 0, 78



0, 124, 150



0, 82, 173

Sweetspot

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



211, 44, 205



255, 194, 253



50, 44, 211



128, 91, 126



0, 0, 0



128, 128, 128

Same Dimension

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



211, 44, 205



255, 13, 246



211, 44, 122



105, 94, 104



168, 0, 162



41, 0, 39

Inverse Universe

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



211, 44, 205



255, 13, 246



44, 153, 211



105, 94, 104



168, 0, 162



41, 0, 39

Previews

White Background



This preview shows how the RYB color 211, 44, 205 looks on a white background.

Color Contrast Check

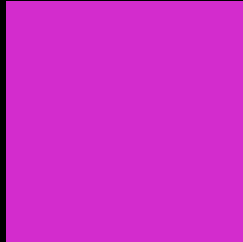
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 211, 44, 205 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 211, 44, 205 Background



This preview shows how black text looks on a background with the RGB color 211, 44, 205.

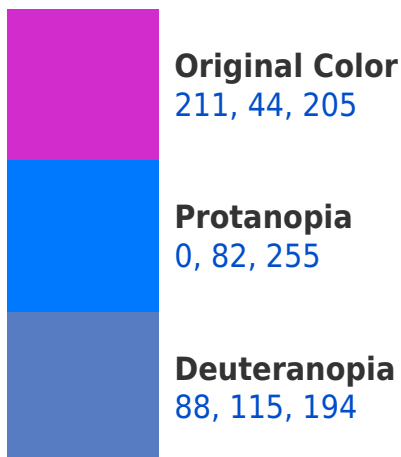



This preview shows how white text looks on a background with the RGB color 211, 44, 205.

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
199, 88, 94

Trichromacy



Original Color
211, 44, 205



Protanomaly
77, 91, 237



Deuteranomaly
133, 95, 198



Tritanomaly
203, 72, 134

Monochromacy



Original Color
211, 44, 205



Achromatopsia
112, 112, 112



Achromatomaly
148, 87, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 44, 205 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, 44, 205) looks like.

```
.text, #text, p{  
    color:rgb(211, 44, 205)  
}
```

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, 44, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 44, 205) }
```

Border

The CSS property to change the border of an element to RYB 211, 44, 205 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, 44, 205) }
```

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

```
.border{ border-color:rgb(211, 44, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 44, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 44, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 44, 205);  
box-shadow:4px 4px 4px 4px rgb(211, 44,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 211, 44, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 44, 205) }
```

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

```
.background{ background-color: rgb(211, 44,  
205) }
```

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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