

Converting Colors

`RYB(211, 111, 211)`

Have a look what the booklet for
RYB(211, 111, 211) contains.

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Color

$\text{RYB}(211, 111, 211)$

Conversions

Conversions Part 1

Format	Color
Hex	D36FD3
RGB	211, 111, 211
RGB Percent	83%, 44%, 83%
CMY	0.1725, 0.5647, 0.1725
CMYK	0.00, 0.47, 0.00, 0.17
HSL	300°, 53%, 63%
HSV	300°, 47%, 83%
XYZ	44.3063, 29.9209, 65.0681
YIQ	152.3000, 27.5000, 52.3000

Conversions

Conversions Part 2

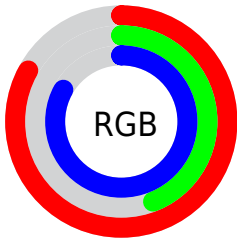
Format	Color
RYB	211, 111, 211
Decimal	13856723
CIELab	61.59, 53.26, -34.69
CIELCh	62, 63.565, 326.922
Yxy	29.9209, 0.3181, 0.2148
Android (android.graphics.Color)	4292046803 (0xFFD36FD3)
YUV	152.3000, 28.9391, 51.4799
Hunter-Lab	54.7000, 48.8576, -32.2381

Details

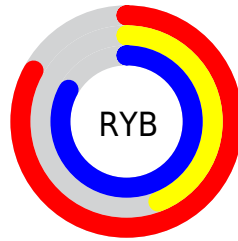
The RYB color **211, 111, 211** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **111, 211, 211**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 166, 255**, and **154, 57, 156** is the 20% darker color. If you saturate the color by 10%, you get **211, 90, 211**, and if you desaturate by 10%, it is **211, 132, 211**.

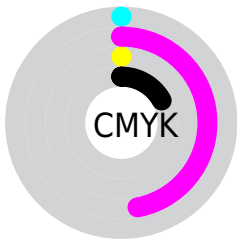
Distribution



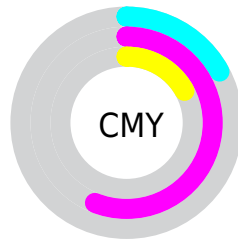
- Red (83%)
- Green (44%)
- Blue (83%)



- Red (83%)
- Yellow (44%)
- Blue (83%)



- Cyan (0%)
- Magenta (47%)
- Yellow (0%)
- Black (17%)





- Cyan (17%)
- Magenta (56%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 111, 211 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, 111, 211 by changing the saturation by 10% instead.

 211, 111, 211

 211, 111, 211

255, 255, 255

 182, 84, 183

 255, 166, 255

 154, 57, 156

 255, 194, 255

 127, 28, 130

 255, 223, 255

 100, 0, 104

 255, 252, 255


 73, 0, 80


 50, 0, 56


 18, 0, 34


 0, 0, 7


 0, 0, 0


 211, 111, 211


 211, 111, 211


 211, 90, 211


 211, 132, 211


 211, 69, 211


 211, 153, 211


 211, 48, 211


 211, 174, 211


 211, 27, 211


 211, 195, 211

 211, 6, 211

 211, 217, 217

 211, 0, 211

 211, 238, 238

 211, 255, 255

Harmonies

Analogous

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



137, 136, 250



211, 111, 211



245, 94, 157

Triad

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



211, 111, 211



65, 182, 16



0, 93, 198

Complementary

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



211, 111, 211



111, 211, 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, 97, 175



211, 111, 211



35, 160, 68

Square

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



211, 111, 211



224, 169, 53



41, 138, 170



0, 100, 242

Rectangle

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



211, 111, 211



250, 95, 119



41, 138, 170



0, 89, 180

Sweetspot

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



211, 111, 211



255, 219, 255



111, 111, 211



128, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



211, 111, 211



255, 110, 255



211, 111, 161



105, 94, 105



168, 0, 168



41, 0, 41

Inverse Universe

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



211, 111, 211



255, 110, 255



111, 178, 211



105, 94, 105



168, 0, 168



41, 0, 41

Previews

White Background



This preview shows how the RYB color 211, 111, 211 looks on a white background.

Color Contrast Check

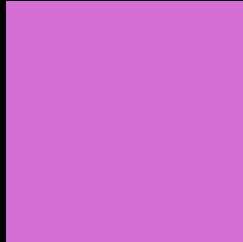
Large Text (above 18pt) WCAG AA ✓ Pass

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, 111, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

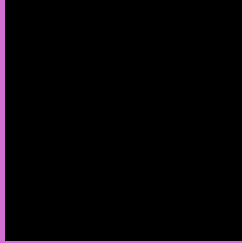
Any Text WCAG AA ✓ Pass

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](#).

RVB 211, 111, 211 Background



This preview shows how black text looks on a background with the RYB color 211, 111, 211.

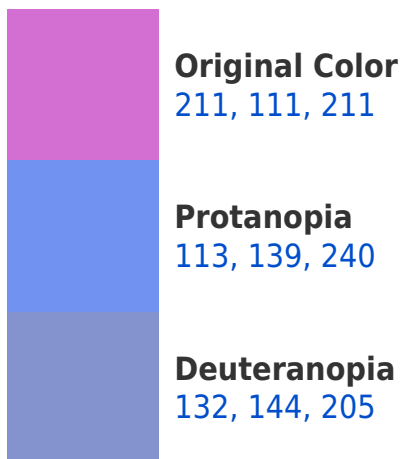


This preview shows how white text looks on a background with the RYB color 211, 111, 211.

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
202, 128, 138

Trichromacy



Original Color

211, 111, 211



Protanomaly

149, 133, 229



Deuteranomaly

161, 134, 207



Tritanomaly

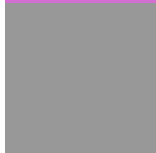
205, 122, 165

Monochromacy



Original Color

211, 111, 211



Achromatopsia

152, 152, 152



Achromatomaly

173, 137, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 111, 211 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, 111, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 111, 211)  
}
```

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, 111, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 111, 211) }
```

Border

The CSS property to change the border of an element to RYB 211, 111, 211 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, 111, 211) }
```

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

```
.border{ border-color:rgb(211, 111, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 111, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 111, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 111, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 111,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 211, 111, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 111, 211) }
```

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

```
.background{ background-color: rgb(211,  
111, 211) }
```

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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