

Converting Colors

`RYB(194, 111, 221)`

Have a look what the booklet for
RYB(194, 111, 221) contains.

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Color

R_YB(194, 111, 221)

Conversions

Conversions Part 1

Format	Color
Hex	C26FDD
RGB	194, 111, 221
RGB Percent	76%, 44%, 87%
CMY	0.2392, 0.5647, 0.1333
CMYK	0.12, 0.50, 0.00, 0.13
HSL	285°, 62%, 65%
HSV	285°, 50%, 87%
XYZ	40.9837, 28.0587, 71.6624
YIQ	148.3570, 14.1580, 51.8060

Conversions

Conversions Part 2

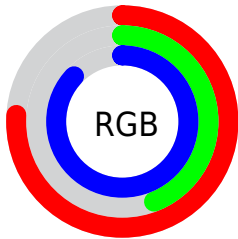
Format	Color
RYB	194, 111, 221
Decimal	12742621
CIELab	59.94, 50.41, -43.04
CIELCh	60, 66.279, 319.510
Yxy	28.0587, 0.2913, 0.1994
Android (android.graphics.Color)	4290932701 (0xFFC26FDD)
YUV	148.3570, 35.8130, 40.0289
Hunter-Lab	52.9704, 45.4088, -43.1327

Details

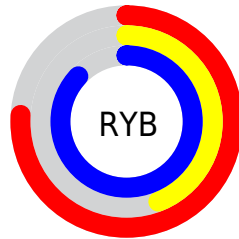
The RYB color **194, 111, 221** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **111, 221, 194**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **252, 165, 255**, and **138, 59, 165** is the 20% darker color. If you saturate the color by 10%, you get **189, 89, 221**, and if you desaturate by 10%, it is **199, 133, 221**.

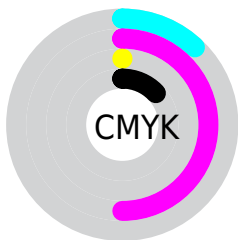
Distribution



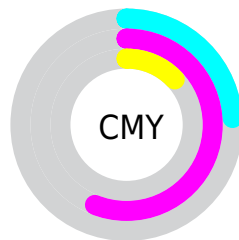
- Red (76%)
- Green (44%)
- Blue (87%)



- Red (76%)
- Yellow (44%)
- Blue (87%)



- Cyan (12%)
- Magenta (50%)
- Yellow (0%)
- Black (13%)




- Cyan (24%)
- Magenta (56%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 111, 221 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 194, 111, 221 by changing the saturation by 10% instead.

 194, 111, 221

 194, 111, 221


255, 255, 255

 166, 85, 193

 252, 165, 255

 138, 59, 165

 255, 193, 255

 111, 31, 139

 255, 222, 255

 84, 0, 113

 255, 251, 255


 58, 0, 88


 36, 0, 64

 0, 0, 41

 0, 1, 18


 0, 0, 0

 194, 111, 221

 194, 111, 221


 189, 89, 221

 199, 133, 221


 183, 67, 221

 205, 155, 221


 178, 45, 221

 210, 177, 221


 172, 23, 221


 216, 199, 221


 167, 1, 221


 221, 222, 222

 167, 0, 221

 221, 244, 238

 221, 255, 244

 221, 255, 239

 221, 255, 233

Harmonies

Analogous

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



101, 131, 255



194, 111, 221



239, 88, 168

Triad

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



194, 111, 221



81, 190, 1



0, 88, 182

Complementary

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



194, 111, 221



111, 221, 194

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, 99, 170



194, 111, 221



3, 153, 20

Square

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



194, 111, 221



229, 135, 56



60, 161, 164



0, 97, 232

Rectangle

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



194, 111, 221



249, 85, 128



60, 161, 164



0, 89, 172

Sweetspot

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



194, 111, 221



246, 217, 255



111, 133, 221



122, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



194, 111, 221



217, 102, 255



221, 111, 194



107, 99, 110



131, 0, 173



35, 0, 46

Inverse Universe

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



221, 111, 138



255, 102, 140



111, 199, 221



110, 99, 101



173, 0, 43



46, 0, 11

Previews

White Background



This preview shows how the RYB color 194, 111, 221 looks on a white background.

Color Contrast Check

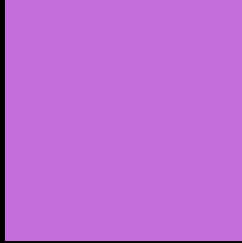
Large Text (above 18pt) WCAG AA ✓ Pass

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 194, 111, 221 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](#).

RYB 194, 111, 221 Background



This preview shows how black text looks on a background with the RYB color 194, 111, 221.

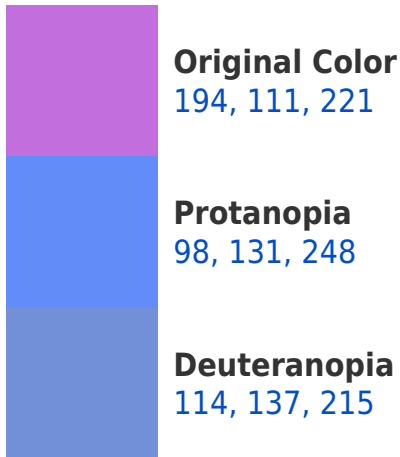



This preview shows how white text looks on a background with the RYB color 194, 111, 221.

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
182, 130, 140

Trichromacy



Original Color

194, 111, 221



Protanomaly

133, 130, 238



Deuteranomaly

143, 132, 217



Tritanomaly

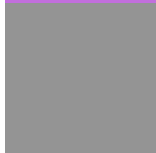
186, 123, 169

Monochromacy



Original Color

194, 111, 221



Achromatopsia

148, 148, 148



Achromatomaly

165, 135, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 111, 221 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(194, 111, 221)` looks like.

```
.text, #text, p{  
    color:rgb(194, 111, 221)  
}
```

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(194, 111, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 111, 221) }
```

Border

The CSS property to change the border of an element to RYB 194, 111, 221 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(194, 111, 221) }
```

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

```
.border{ border-color:rgb(194, 111, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 111, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 111, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 111, 221);  
box-shadow:4px 4px 4px 4px rgb(194, 111,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 194, 111, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 111, 221) }
```

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

```
.background{ background-color: rgb(194,  
111, 221) }
```

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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