

Converting Colors

`RYB(192, 69, 161)`

Have a look what the booklet for
RYB(192, 69, 161) contains.

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Color

R_YB(192, 69, 161)

Conversions

Conversions Part 1

Format	Color
Hex	C045A1
RGB	192, 69, 161
RGB Percent	75%, 27%, 63%
CMY	0.2471, 0.7294, 0.3686
CMYK	0.00, 0.64, 0.16, 0.25
HSL	315°, 49%, 51%
HSV	315°, 64%, 75%
XYZ	30.2994, 18.0359, 35.6025
YIQ	116.2650, 43.7760, 54.6880

Conversions

Conversions Part 2

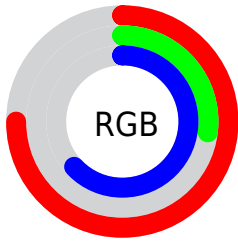
Format	Color
RYB	192, 69, 161
Decimal	12600737
CIELab	49.54, 59.06, -24.79
CIELCh	50, 64.053, 337.234
Yxy	18.0359, 0.3610, 0.2149
Android (android.graphics.Color)	4290790817 (0xFFC045A1)
YUV	116.2650, 22.0544, 66.4196
Hunter-Lab	42.4687, 53.0308, -19.9761

Details

The RYB color **192, 69, 161** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **69, 167, 192**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **251, 125, 216**, and **135, 0, 109** is the 20% darker color. If you saturate the color by 10%, you get **192, 50, 156**, and if you desaturate by 10%, it is **192, 88, 166**.

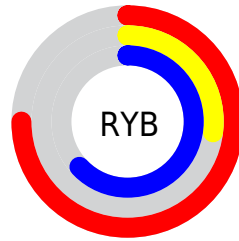
Distribution



Red (75%)

Green (27%)

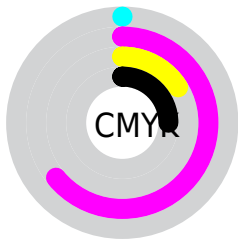
Blue (63%)



Red (75%)

Yellow (27%)

Blue (63%)

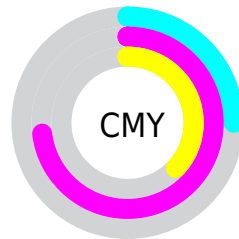


Cyan (0%)

Magenta (64%)

Yellow (16%)

Black (25%)



Cyan (25%)

Magenta (73%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 69, 161 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 192, 69, 161 by changing the saturation by 10% instead.



192, 69, 161



192, 69, 161

255, 255, 255



163, 39, 135



251, 125, 216



135, 0, 109



255, 153, 245



107, 0, 85



255, 181, 255



80, 0, 61



255, 210, 255



56, 0, 39



255, 239, 255



23, 0, 16



0, 0, 0



192, 69, 161



192, 69, 161



192, 50, 156



192, 88, 166

■ 192, 31, 151

■ 192, 107, 171

■ 192, 11, 146

■ 192, 127, 176

■ 192, 0, 144

■ 192, 146, 180

■ 192, 165, 185

■ 192, 184, 190

■ 192, 201, 203

■ 192, 217, 223

■ 192, 232, 242

Harmonies

Analogous

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



135, 97, 205



192, 69, 161



213, 56, 107

Triad

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



192, 69, 161



11, 130, 0



0, 80, 183

Complementary

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



192, 69, 161



69, 167, 192

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, 74, 142



192, 69, 161



12, 133, 74

Square

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



192, 69, 161



134, 175, 0



0, 91, 139



0, 83, 218

Rectangle

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



192, 69, 161



210, 65, 72



0, 91, 139



0, 77, 166

Sweetspot

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



192, 69, 161



250, 202, 238



100, 69, 192



125, 96, 118



252, 252, 252



125, 125, 125

Same Dimension

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



192, 69, 161



250, 57, 201



192, 69, 100



97, 87, 94



161, 0, 120



33, 0, 25

Inverse Universe

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



192, 69, 161



250, 57, 201



69, 139, 192



97, 87, 94



161, 0, 120



33, 0, 25

Previews

White Background



This preview shows how the RYB color 192, 69, 161 looks on a white background.

Color Contrast Check

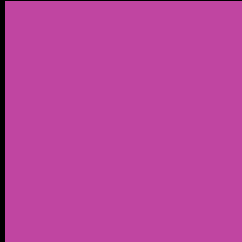
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 192, 69, 161 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 192, 69, 161 Background



This preview shows how black text looks on a background with the RYB color 192, 69, 161.

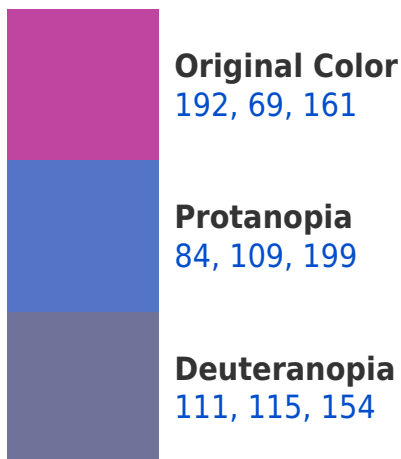


This preview shows how white text looks on a background with the RYB color 192, 69, 161.

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](#).

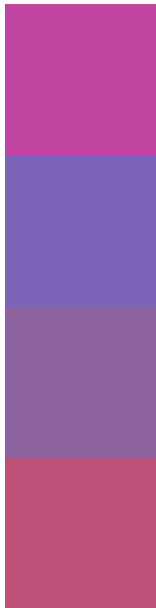
Dichromacy





Tritanopia
185, 87, 93

Trichromacy



Original Color
192, 69, 161

Protanomaly
123, 99, 185

Deuteranomaly
140, 99, 157

Tritanomaly
188, 80, 118

Monochromacy



Original Color
192, 69, 161

Achromatopsia
116, 116, 116

Achromatomaly
144, 99, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 69, 161 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(192, 69, 161)` looks like.

```
.text, #text, p{  
    color:rgb(192, 69, 161)  
}
```

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(192, 69, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 69, 161) }
```

Border

The CSS property to change the border of an element to RYB 192, 69, 161 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(192, 69, 161) }
```

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

```
.border{ border-color:rgb(192, 69, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 69, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 69, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 69, 161);  
box-shadow:4px 4px 4px 4px rgb(192, 69,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 192, 69, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 69, 161) }
```

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

```
.background{ background-color: rgb(192, 69,  
161) }
```

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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