

Converting Colors

RGB(165, 78, 194)

Have a look what the booklet for
RGB(165, 78, 194) contains.

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Color

RGB(165, 78, 194)

Conversions

Conversions Part 1

Format	Color
Hex	A54EC2
RGB	165, 78, 194
RGB Percent	65%, 31%, 76%
CMY	0.3529, 0.6941, 0.2392
CMYK	0.15, 0.60, 0.00, 0.24
HSL	285°, 49%, 53%
HSV	285°, 60%, 76%
XYZ	27.9790, 17.3432, 52.9118
YIQ	117.2370, 14.6160, 54.5200

Conversions

Conversions Part 2

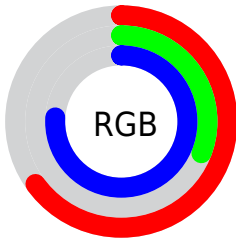
Format	Color
RYB	165, 78, 194
Decimal	10833602
CIELab	48.69, 53.78, -45.71
CIELCh	49, 70.575, 319.638
Yxy	17.3432, 0.2848, 0.1765
Android (android.graphics.Color)	4289023682 (0xFFA54EC2)
YUV	117.2370, 37.8442, 41.8882
Hunter-Lab	41.6451, 47.0453, -46.1788

Details

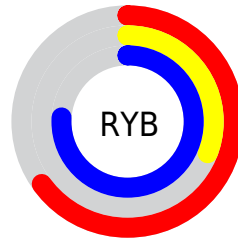
The RGB color **165, 78, 194** is a dark color, and the websafe version is hex **993399**. The color can be described as middle muted purple. A complement of this color would be **107, 194, 78**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **222, 131, 251**, and **110, 21, 140** is the 20% darker color. If you saturate the color by 10%, you get **160, 59, 194**, and if you desaturate by 10%, it is **170, 97, 194**.

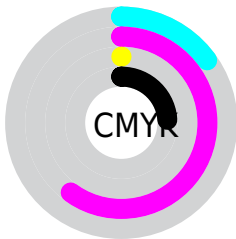
Distribution



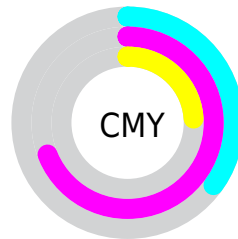
- Red (65%)
- Green (31%)
- Blue (76%)



- Red (65%)
- Yellow (31%)
- Blue (76%)



- Cyan (15%)
- Magenta (60%)
- Yellow (0%)
- Black (24%)




- Cyan (35%)
- Magenta (69%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 78, 194 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 RGB color 165, 78, 194 by changing the saturation by 10% instead.

 165, 78, 194

255, 255, 255


 222, 131, 251

 252, 159, 255


 255, 187, 255

 255, 215, 255

 255, 244, 255

 165, 78, 194

 137, 51, 166

 110, 21, 140

 83, 0, 114

 56, 0, 88

 33, 0, 65


 0, 0, 41

 0, 1, 19


 0, 0, 0

 165, 78, 194


 165, 78, 194


 160, 59, 194

 170, 97, 194

 155, 39, 194

 175, 117, 194

 150, 20, 194

 180, 136, 194

 146, 0, 194

 184, 156, 194

 146, 0, 194

 189, 175, 194

 194, 194, 194

 199, 214, 194

 204, 233, 194

 209, 253, 194

Harmonies

Analogous

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



51, 109, 230



165, 78, 194



210, 44, 139

Triad

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



165, 78, 194



157, 106, 0



0, 142, 154

Complementary

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



165, 78, 194



107, 194, 78

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, 140, 92



165, 78, 194



103, 125, 0

Square

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



165, 78, 194



198, 77, 20



0, 135, 26



0, 139, 206

Rectangle

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



165, 78, 194



219, 38, 99



0, 135, 26



0, 141, 134

Sweetspot

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



165, 78, 194



241, 207, 252



78, 107, 194



120, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



165, 78, 194



207, 71, 252



194, 78, 165



94, 87, 97



120, 0, 161



25, 0, 33

Inverse Universe

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



194, 78, 107



252, 71, 116



78, 194, 107



97, 87, 90



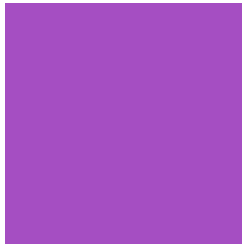
161, 0, 40



33, 0, 8

Previews

White Background



This preview shows how the RGB color 165, 78, 194 looks on a white background.

Color Contrast Check

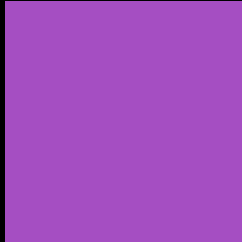
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 165, 78, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

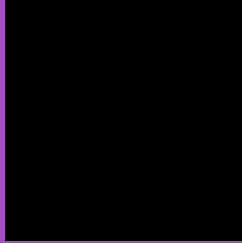
Any Text WCAG AA × Fail

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](#).

RGB 165, 78, 194 Background



This preview shows how black text looks on a background with the RGB color 165, 78, 194.

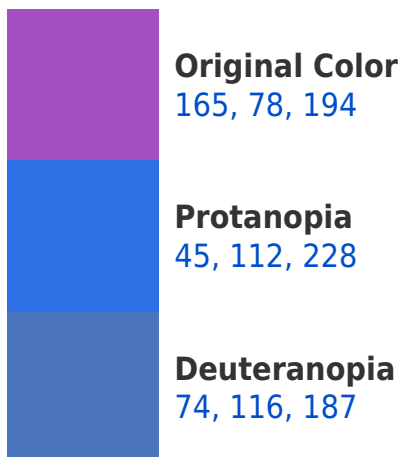



This preview shows how white text looks on a background with the RGB color 165, 78, 194.

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





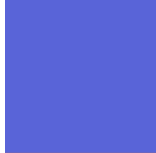
Tritanopia
153, 102, 109

Trichromacy



Original Color

165, 78, 194



Protanomaly

89, 100, 216



Deuteranomaly

107, 102, 190



Tritanomaly

157, 93, 140

Monochromacy



Original Color

165, 78, 194



Achromatopsia

117, 117, 117



Achromatomaly

134, 103, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 78, 194 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(165, 78, 194)` looks like.

```
.text, #text, p{  
    color:rgb(165, 78, 194)  
}
```

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(165, 78, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 78, 194) }
```

Border

The CSS property to change the border of an element to RGB 165, 78, 194 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(165, 78, 194) }
```

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

```
.border{ border-color:rgb(165, 78, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 78, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 78, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 78, 194);  
box-shadow:4px 4px 4px 4px rgb(165, 78,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 165, 78, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 78, 194) }
```

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

```
.background{ background-color: rgb(165, 78,  
194) }
```

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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