

Converting Colors

RGB(164, 83, 194)

Have a look what the booklet for
RGB(164, 83, 194) contains.

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Color

RGB(164, 83, 194)

Conversions

Conversions Part 1

Format	Color
Hex	A453C2
RGB	164, 83, 194
RGB Percent	64%, 33%, 76%
CMY	0.3569, 0.6745, 0.2392
CMYK	0.15, 0.57, 0.00, 0.24
HSL	284°, 48%, 54%
HSV	284°, 57%, 76%
XYZ	28.1407, 17.9741, 53.0251
YIQ	119.8730, 12.6450, 51.6930

Conversions

Conversions Part 2

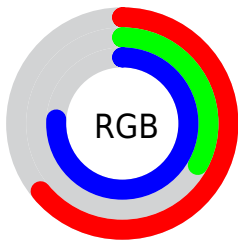
Format	Color
RYB	164, 83, 194
Decimal	10769346
CIELab	49.46, 51.07, -44.48
CIElCh	49, 67.728, 318.947
Yxy	17.9741, 0.2838, 0.1813
Android (android.graphics.Color)	4288959426 (0xFFA453C2)
YUV	119.8730, 36.5446, 38.6994
Hunter-Lab	42.3958, 44.2886, -44.4778

Details

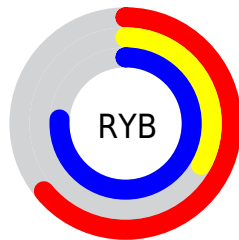
The RGB color **164, 83, 194** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **113, 194, 83**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **221, 136, 251**, and **109, 29, 140** is the 20% darker color. If you saturate the color by 10%, you get **159, 64, 194**, and if you desaturate by 10%, it is **169, 102, 194**.

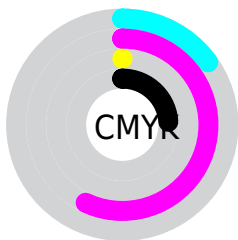
Distribution



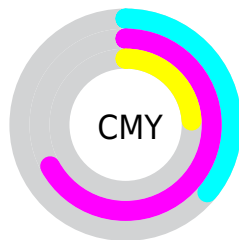
- Red (64%)
- Green (33%)
- Blue (76%)



- Red (64%)
- Yellow (33%)
- Blue (76%)



- Cyan (15%)
- Magenta (57%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (67%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 83, 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 164, 83, 194 by changing the saturation by 10% instead.

 164, 83, 194


 164, 83, 194

255, 255, 255

 136, 57, 166

 221, 136, 251

 109, 29, 140

 251, 163, 255

 82, 0, 114

 255, 191, 255

 56, 0, 89

 255, 220, 255

 34, 0, 65

 255, 249, 255

 0, 0, 41

 0, 1, 19

 0, 0, 0

 164, 83, 194

 164, 83, 194

■ 159, 64, 194

■ 169, 102, 194

■ 154, 44, 194

■ 174, 122, 194

■ 148, 25, 194

■ 180, 141, 194

■ 143, 5, 194

■ 185, 161, 194

■ 142, 0, 194

■ 190, 180, 194

■ 195, 199, 194

■ 201, 219, 194

■ 206, 238, 194

■ 211, 255, 194

Harmonies

Analogous

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



57, 112, 228



164, 83, 194



208, 53, 141

Triad

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



164, 83, 194



160, 107, 0



0, 143, 153

Complementary

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



164, 83, 194



113, 194, 83

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, 142, 94



164, 83, 194



108, 126, 0

Square

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



164, 83, 194



198, 81, 29



18, 136, 32



0, 140, 204

Rectangle

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



164, 83, 194



218, 48, 103



18, 136, 32



0, 143, 134

Sweetspot

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



164, 83, 194



241, 210, 252



83, 114, 194



121, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



164, 83, 194



205, 78, 252



194, 83, 170



94, 87, 97



117, 0, 161



24, 0, 33

Inverse Universe

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



194, 83, 113



252, 78, 125



83, 194, 107



97, 87, 90



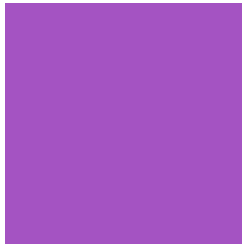
161, 0, 43



33, 0, 9

Previews

White Background



This preview shows how the RGB color 164, 83, 194 looks on a white background.

Color Contrast Check

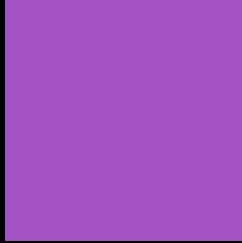
Large Text (above 18pt) WCAG AA ✓ Pass

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 164, 83, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

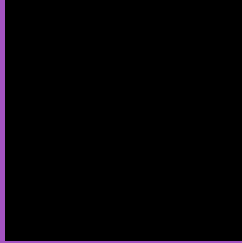
Any Text WCAG AA ✓ Pass

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 164, 83, 194 Background



This preview shows how black text looks on a background with the RGB color 164, 83, 194.

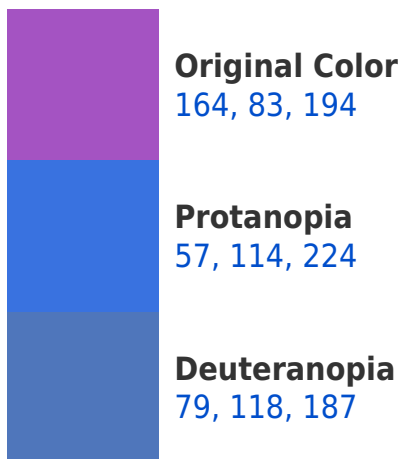



This preview shows how white text looks on a background with the RGB color 164, 83, 194.

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





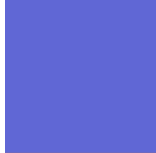
Tritanopia
152, 105, 113

Trichromacy



Original Color

164, 83, 194



Protanomaly

96, 103, 213



Deuteranomaly

110, 105, 190



Tritanomaly

156, 97, 142

Monochromacy



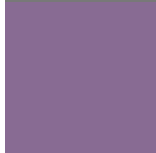
Original Color

164, 83, 194



Achromatopsia

120, 120, 120



Achromatomaly

136, 107, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 83, 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(164, 83, 194) looks like.

```
.text, #text, p{  
    color:rgb(164, 83, 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(164, 83, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 83, 194) }
```

Border

The CSS property to change the border of an element to RGB 164, 83, 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(164, 83, 194) }
```

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

```
.border{ border-color:rgb(164, 83, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 83, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 83, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 83, 194);  
box-shadow:4px 4px 4px 4px rgb(164, 83,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 164, 83, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 83, 194) }
```

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

```
.background{ background-color: rgb(164, 83,  
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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