

Converting Colors

RGB(166, 78, 130)

Have a look what the booklet for
RGB(166, 78, 130) contains.

RGB(166, 78, 130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(166, 78, 130)

Conversions

Conversions Part 1

Format	Color
Hex	A64E82
RGB	166, 78, 130
RGB Percent	65%, 31%, 51%
CMY	0.3490, 0.6941, 0.4902
CMYK	0.00, 0.53, 0.22, 0.35
HSL	325°, 36%, 48%
HSV	325°, 53%, 65%
XYZ	22.4795, 15.1675, 22.8619
YIQ	110.2400, 35.7560, 34.8280

Conversions

Conversions Part 2

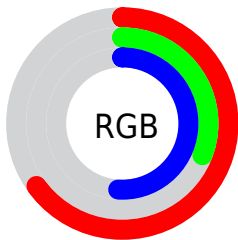
Format	Color
R_{YB}	166, 78, 130
Decimal	10899074
CIE _{Lab}	45.86, 42.56, -12.21
CIE _{LCh}	46, 44.277, 343.989
Yxy	15.1675, 0.3715, 0.2507
Android (android.graphics.Color)	4289089154 (0xFFA64E82)
YUV	110.2400, 9.7417, 48.9015
Hunter-Lab	38.9454, 34.8767, -7.5428

Details

The RGB color **166, 78, 130** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **78, 166, 114**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **223, 130, 183**, and **111, 25, 81** is the 20% darker color. If you saturate the color by 10%, you get **166, 61, 123**, and if you desaturate by 10%, it is **166, 95, 137**.

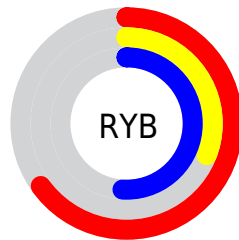
Distribution



Red (65%)

Green (31%)

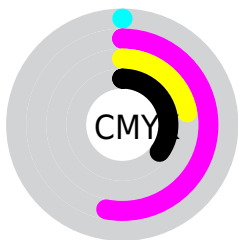
Blue (51%)



Red (65%)

Yellow (31%)

Blue (51%)

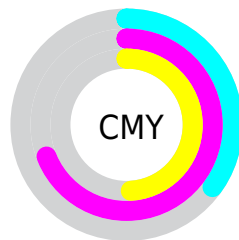


Cyan (0%)

Magenta (53%)

Yellow (22%)

Black (35%)



Cyan (35%)

Magenta (69%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RGB color 166, 78, 130 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 166, 78, 130 by changing the saturation by 10% instead.

 166, 78, 130

255, 255, 255


 223, 130, 183

 252, 157, 211


 255, 185, 239

 255, 213, 255

 255, 242, 255

 166, 78, 130

 138, 52, 105

 111, 25, 81

 85, 0, 58

 60, 0, 36

 36, 0, 13

 0, 0, 0


 166, 78, 130

 166, 61, 123

 166, 45, 116

 166, 78, 130

 166, 95, 137

 166, 111, 144

166, 28, 110

166, 128, 150

166, 12, 103

166, 144, 157

166, 0, 98

166, 161, 164

166, 178, 171

166, 194, 178

166, 211, 184

166, 227, 191

Harmonies

Analogous

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



133, 91, 162



166, 78, 130



177, 75, 93

Triad

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



166, 78, 130



112, 112, 30



0, 125, 159

Complementary

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



166, 78, 130



78, 166, 114

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, 127, 125



166, 78, 130



70, 121, 52

Square

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



166, 78, 130



145, 100, 34



0, 125, 87



0, 118, 180

Rectangle

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



166, 78, 130



173, 81, 69



0, 125, 87



0, 126, 149

Sweetspot

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



166, 78, 130



217, 182, 203



113, 78, 166



110, 89, 101



237, 237, 237



110, 110, 110

Same Dimension

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



166, 78, 130



217, 78, 160



166, 78, 87



84, 76, 81



148, 0, 87



20, 0, 12

Inverse Universe

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



166, 78, 130



217, 78, 160



78, 166, 157



84, 76, 81



148, 0, 87



20, 0, 12

Previews

White Background



This preview shows how the RGB color 166, 78, 130 looks on a white background.

Color Contrast Check

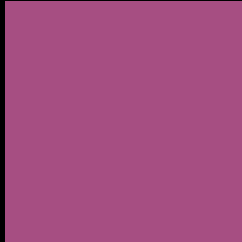
Large Text (above 18pt) WCAG AA ✓ Pass

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 166, 78, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

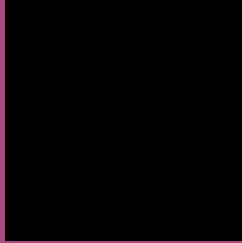
Any Text WCAG AA × Fail

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 166, 78, 130 Background



This preview shows how black text looks on a background with the RGB color 166, 78, 130.

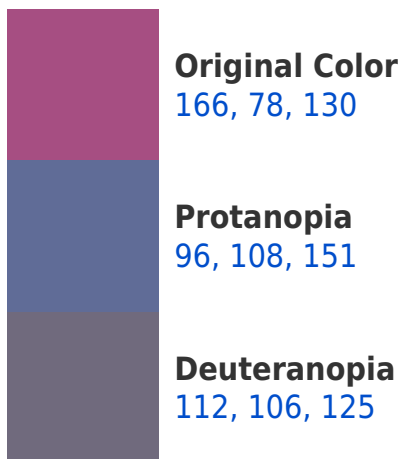


This preview shows how white text looks on a background with the RGB color 166, 78, 130.

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
162, 86, 92

Trichromacy



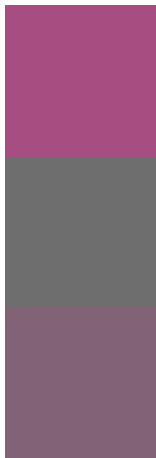
Original Color
166, 78, 130

Protanomaly
121, 97, 143

Deuteranomaly
132, 96, 127

Tritanomaly
163, 83, 106

Monochromacy



Original Color
166, 78, 130

Achromatopsia
110, 110, 110

Achromatomaly
130, 98, 117

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 78, 130 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(166, 78, 130)` looks like.

```
.text, #text, p{  
    color:rgb(166, 78, 130)  
}
```

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(166, 78, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 78, 130) }
```

Border

The CSS property to change the border of an element to RGB 166, 78, 130 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(166, 78, 130) }
```

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

```
.border{ border-color:rgb(166, 78, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 78, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 78, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 78, 130);  
box-shadow:4px 4px 4px 4px rgb(166, 78,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 166, 78, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 78, 130) }
```

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

```
.background{ background-color: rgb(166, 78,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor