

Converting Colors

RGB(166, 58, 160)

Have a look what the booklet for
RGB(166, 58, 160) contains.

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Color

RGB(166, 58, 160)

Conversions

Conversions Part 1

Format	Color
Hex	A63AA0
RGB	166, 58, 160
RGB Percent	65%, 23%, 63%
CMY	0.3490, 0.7725, 0.3725
CMYK	0.00, 0.65, 0.04, 0.35
HSL	303°, 48%, 44%
HSV	303°, 65%, 65%
XYZ	23.5841, 13.6712, 34.6535
YIQ	101.9200, 31.6260, 54.6180

Conversions

Conversions Part 2

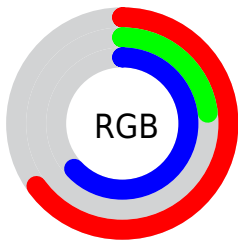
Format	Color
R _Y B	166, 58, 160
Decimal	10893984
CIE Lab	43.76, 56.62, -33.52
CIE LCh	44, 65.796, 329.373
Yxy	13.6712, 0.3280, 0.1901
Android (android.graphics.Color)	4289084064 (0xFFA63AA0)
YUV	101.9200, 28.6334, 56.1982
Hunter-Lab	36.9745, 49.1503, -29.6859

Details

The RGB color **166, 58, 160** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **58, 166, 64**, and the grayscale version is **102, 102, 102**.

A 20% lighter version of the original color is **224, 113, 215**, and **111, 0, 108** is the 20% darker color. If you saturate the color by 10%, you get **166, 41, 159**, and if you desaturate by 10%, it is **166, 75, 161**.

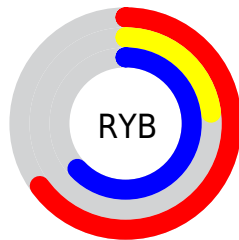
Distribution



Red (65%)

Green (23%)

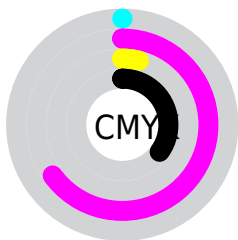
Blue (63%)



Red (65%)

Yellow (23%)

Blue (63%)

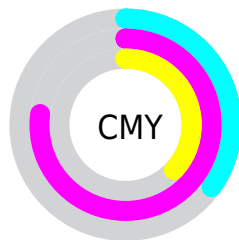


Cyan (0%)

Magenta (65%)

Yellow (4%)

Black (35%)



Cyan (35%)

Magenta (77%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the RGB color 166, 58, 160 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, 58, 160 by changing the saturation by 10% instead.

 166, 58, 160

255, 255, 255


 224, 113, 215

 253, 140, 244


 255, 168, 255

 255, 197, 255

 255, 226, 255

 166, 58, 160

 138, 27, 134

 111, 0, 108

 84, 0, 83

 58, 0, 60

 33, 0, 37

 0, 1, 13

 0, 0, 0

 166, 58, 160

 166, 41, 159

 166, 58, 160

 166, 75, 161

■ 166, 25, 158

■ 166, 91, 162

■ 166, 8, 157

■ 166, 108, 163

■ 166, 0, 157

■ 166, 124, 164

■ 166, 141, 165

■ 166, 158, 166

■ 166, 174, 166

■ 166, 191, 167

■ 166, 207, 168

Harmonies

Analogous

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



93, 89, 200



166, 58, 160



195, 31, 107

Triad

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



166, 58, 160



127, 101, 0



0, 127, 156

Complementary

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



166, 58, 160



58, 166, 64

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, 101



166, 58, 160



72, 115, 0

Square

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



166, 58, 160



168, 78, 0



0, 123, 43



0, 123, 198

Rectangle

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



166, 58, 160



197, 37, 71



0, 123, 43



0, 127, 138

Sweetspot

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



166, 58, 160



217, 173, 214



63, 58, 166



110, 83, 108



237, 237, 237



110, 110, 110

Same Dimension

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



166, 58, 160



217, 48, 207



166, 58, 107



84, 76, 84



148, 0, 140



20, 0, 19

Inverse Universe

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



166, 58, 160



217, 48, 207



58, 166, 117



84, 76, 84



148, 0, 140



20, 0, 19

Previews

White Background



This preview shows how the RGB color 166, 58, 160 looks on a white background.

Color Contrast Check

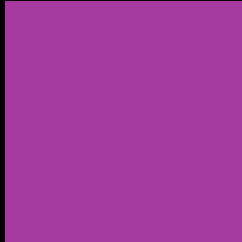
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

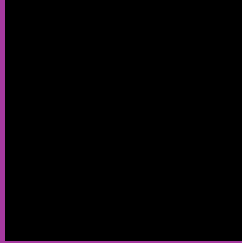
Any Text WCAG AA × Fail

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, 58, 160 Background



This preview shows how black text looks on a background with the RGB color 166, 58, 160.

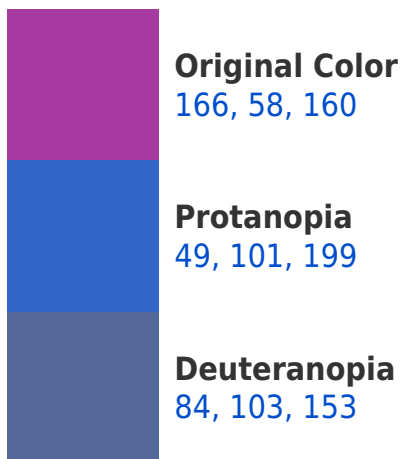


This preview shows how white text looks on a background with the RGB color 166, 58, 160.

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
158, 80, 86

Trichromacy



Original Color

166, 58, 160



Protanomaly

92, 85, 185



Deuteranomaly

114, 87, 156



Tritanomaly

161, 72, 113

Monochromacy



Original Color

166, 58, 160



Achromatopsia

102, 102, 102



Achromatomaly

125, 86, 123

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 58, 160 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, 58, 160)` looks like.

```
.text, #text, p{  
    color:rgb(166, 58, 160)  
}
```

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, 58, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 58, 160) }
```

Border

The CSS property to change the border of an element to RGB 166, 58, 160 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, 58, 160) }
```

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

```
.border{ border-color:rgb(166, 58, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 58, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 58, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 58, 160);  
box-shadow:4px 4px 4px 4px rgb(166, 58,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 166, 58, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 58, 160) }
```

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

```
.background{ background-color: rgb(166, 58,  
160) }
```

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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