

Converting Colors

RGB(168, 50, 108)

Have a look what the booklet for
RGB(168, 50, 108) contains.

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Color

RGB(168, 50, 108)

Conversions

Conversions Part 1	
Format	Color
Hex	A8326C
RGB	168, 50, 108
RGB Percent	66%, 20%, 42%
CMY	0.3412, 0.8039, 0.5765
CMYK	0.00, 0.70, 0.36, 0.34
HSL	331°, 54%, 43%
HSV	331°, 70%, 66%
XYZ	19.9958, 11.6887, 15.3896
YIQ	91.8940, 51.7100, 43.0540

Conversions

Conversions Part 2

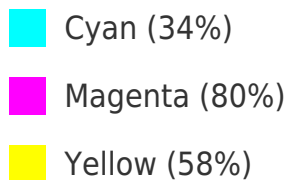
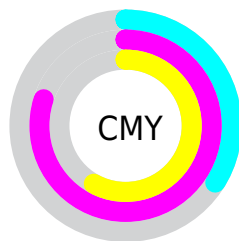
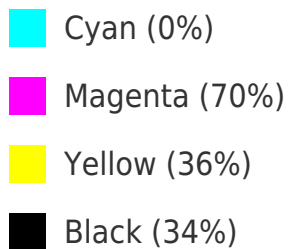
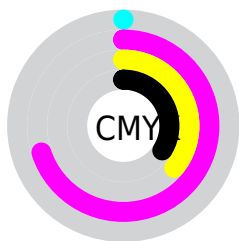
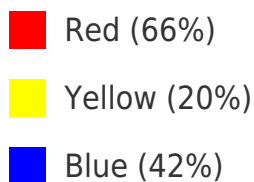
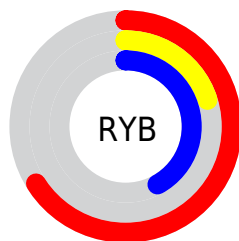
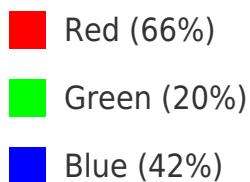
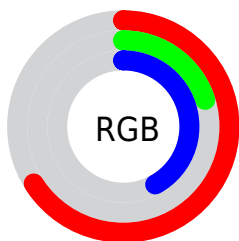
Format	Color
RYB	168, 50, 108
Decimal	11022956
CIELab	40.72, 52.90, -6.39
CIELCh	41, 53.289, 353.111
Yxy	11.6887, 0.4248, 0.2483
Android (android.graphics.Color)	4289213036 (0xFFA8326C)
YUV	91.8940, 7.9403, 66.7450
Hunter-Lab	34.1888, 44.5679, -2.7564

Details

The RGB color **168, 50, 108** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **50, 168, 110**, and the grayscale version is **92, 92, 92**.

A 20% lighter version of the original color is **227, 105, 159**, and **111, 0, 61** is the 20% darker color. If you saturate the color by 10%, you get **168, 33, 99**, and if you desaturate by 10%, it is **168, 67, 117**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 168, 50, 108 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 168, 50, 108 by changing the saturation by 10% instead.



168, 50, 108



168, 50, 108

255, 255, 255



139, 16, 84



227, 105, 159



111, 0, 61



255, 133, 186



84, 0, 39



255, 160, 214



59, 0, 19



255, 188, 242



26, 0, 1



255, 217, 255



0, 0, 0



255, 246, 255



168, 50, 108



168, 50, 108



168, 33, 99



168, 67, 117


 168, 16, 91

 168, 84, 125

 168, 0, 83

 168, 100, 134

 168, 117, 142

 168, 134, 151

 168, 151, 159

 168, 168, 168

 168, 184, 176

 168, 201, 185

Harmonies

Analogous

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



138, 68, 149



168, 50, 108



172, 53, 65

Triad

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



168, 50, 108



84, 104, 0



0, 113, 165

Complementary

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



168, 50, 108



50, 168, 110

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, 116, 129



168, 50, 108



12, 111, 39

Square

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



168, 50, 108



124, 91, 0



0, 115, 84



0, 104, 183

Rectangle

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



168, 50, 108



163, 65, 38



0, 115, 84



0, 114, 155

Sweetspot

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



168, 50, 108



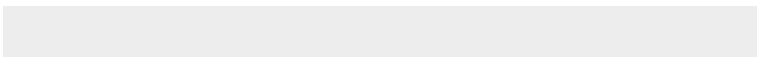
219, 173, 196



109, 50, 168



110, 82, 96



237, 237, 237



110, 110, 110

Same Dimension

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



168, 50, 108



219, 35, 126



168, 50, 50



84, 76, 80



148, 0, 73



20, 0, 10

Inverse Universe

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



168, 50, 108



219, 35, 126



50, 168, 168



84, 76, 80



148, 0, 73



20, 0, 10

Previews

White Background



This preview shows how the RGB color 168, 50, 108 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 168, 50, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

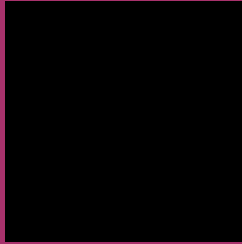
Any Text WCAG AA × Fail

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 168, 50, 108 Background



This preview shows how black text looks on a background with the RGB color 168, 50, 108.



This preview shows how white text looks on a background with the RGB color 168, 50, 108.

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



Original Color

168, 50, 108

Protanopia

83, 96, 138

Deuteranopia

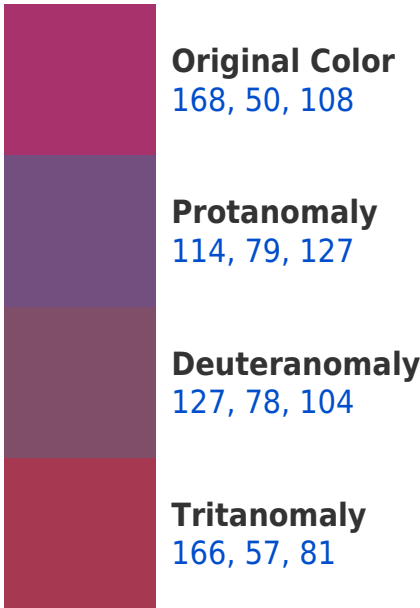
104, 94, 102



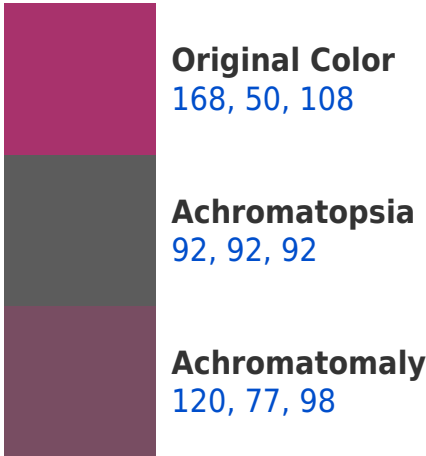
Tritanopia

165, 61, 65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 50, 108 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(168, 50, 108) looks like.

```
.text, #text, p{  
    color:rgb(168, 50, 108)  
}
```

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(168, 50, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 50, 108) }
```

Border

The CSS property to change the border of an element to RGB 168, 50, 108 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(168, 50, 108) }
```

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

```
.border{ border-color:rgb(168, 50, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 50, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 50, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 50, 108);  
box-shadow:4px 4px 4px 4px rgb(168, 50,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 168, 50, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 50, 108) }
```

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

```
.background{ background-color: rgb(168, 50,  
108) }
```

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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