

Converting Colors

RGB(168, 166, 162)

Have a look what the booklet for
RGB(168, 166, 162) contains.

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Color

RGB(168, 166, 162)

Conversions

Conversions Part 1

Format	Color
Hex	A8A6A2
RGB	168, 166, 162
RGB Percent	66%, 65%, 64%
CMY	0.3412, 0.3490, 0.3647
CMYK	0.00, 0.01, 0.04, 0.34
HSL	40°, 3%, 65%
HSV	40°, 4%, 66%
XYZ	36.3063, 38.2059, 39.6434
YIQ	166.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

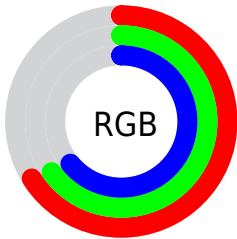
Format	Color
RYB	165, 168, 162
Decimal	11052706
CIELab	68.17, -0.02, 2.31
CIELCh	68, 2.312, 90.603
Yxy	38.2059, 0.3180, 0.3347
Android (android.graphics.Color)	4289242786 (0xFFA8A6A2)
YUV	166.1420, -2.0420, 1.6295
Hunter-Lab	61.8109, -3.3225, 5.2411

Details

The RGB color **168, 166, 162** is a light color, and the websafe version is hex **999999**. A complement of this color would be **162, 164, 168**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **223, 221, 217**, and **116, 114, 110** is the 20% darker color. If you saturate the color by 10%, you get **168, 160, 145**, and if you desaturate by 10%, it is **168, 172, 179**.

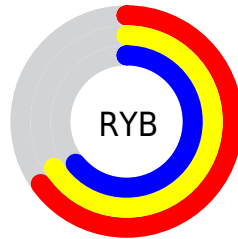
Distribution



Red (66%)

Green (65%)

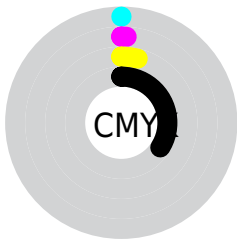
Blue (64%)



Red (65%)

Yellow (66%)

Blue (64%)

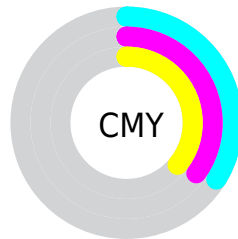


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (34%)



Cyan (34%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 166, 162 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, 166, 162 by changing the saturation by 10% instead.

■ 168, 166, 162

255, 255, 255

■ 223, 221, 217

■ 252, 250, 245

■ 168, 166, 162

■ 142, 140, 136

■ 116, 114, 110

■ 91, 90, 86

■ 68, 66, 63

■ 46, 44, 41

■ 25, 24, 21

■ 0, 0, 0

■ 168, 166, 162


■ 168, 160, 145

■ 168, 166, 162


■ 168, 172, 179

 168, 155, 128


 168, 177, 196

 168, 149, 112


 168, 183, 212

 168, 144, 95


 168, 188, 229

 168, 138, 78


 168, 194, 246

 168, 132, 61


 168, 200, 255

 168, 127, 44

 168, 205, 255

 168, 121, 28

 168, 211, 255

 168, 116, 11

 168, 216, 255

Harmonies

Analogous

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



170, 165, 163



168, 166, 162



166, 167, 163

Triad

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



168, 166, 162



161, 167, 168



169, 165, 168

Complementary

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



168, 166, 162



162, 164, 168

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.



167, 166, 170



168, 166, 162



162, 167, 170

Square

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



168, 166, 162



162, 167, 166



164, 166, 170



171, 165, 166

Rectangle

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



168, 166, 162



164, 167, 163



164, 166, 170



168, 165, 169

Sweetspot

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



168, 166, 162



219, 219, 217



168, 162, 164



110, 109, 109



237, 237, 237



110, 110, 110

Same Dimension

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



168, 166, 162



219, 216, 211



167, 168, 162



84, 83, 80



148, 99, 0



20, 14, 0

Inverse Universe

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



162, 164, 168



211, 213, 219



163, 162, 168



80, 81, 84



0, 49, 148



0, 7, 20

Previews

White Background



This preview shows how the RGB color 168, 166, 162 looks on a white background.

Color Contrast Check

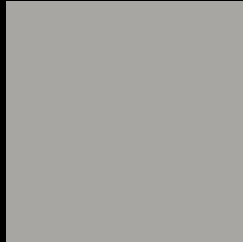
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 168, 166, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

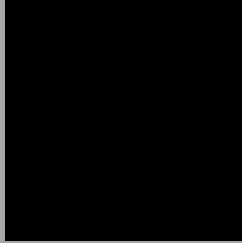
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

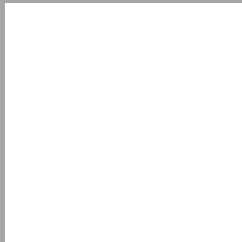
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 168, 166, 162 Background



This preview shows how black text looks on a background with the RGB color 168, 166, 162.



This preview shows how white text looks on a background with the RGB color 168, 166, 162.

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, 166, 162

Protanopia
170, 165, 162

Deuteranopia
183, 161, 163



Tritanopia
170, 164, 177

Trichromacy



Original Color

168, 166, 162

Protanomaly

169, 165, 162

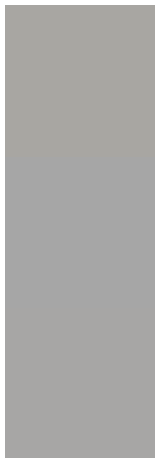
Deuteranomaly

178, 163, 163

Tritanomaly

169, 165, 172

Monochromacy



Original Color

168, 166, 162

Achromatopsia

166, 166, 166

Achromatomaly

167, 166, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 166, 162 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, 166, 162) looks like.

```
.text, #text, p{  
    color:rgb(168, 166, 162)  
}
```

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, 166, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 166, 162) }
```

Border

The CSS property to change the border of an element to RGB 168, 166, 162 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, 166, 162) }
```

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

```
.border{ border-color:rgb(168, 166, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 166, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 166, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 166, 162);  
box-shadow:4px 4px 4px 4px rgb(168, 166,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 168, 166, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 166, 162) }
```

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

```
.background{ background-color: rgb(168,  
166, 162) }
```

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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