

# Converting Colors

RGB(168, 120, 124)

Have a look what the booklet for  
RGB(168, 120, 124) contains.

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# Color

**RGB(168, 120, 124)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A8787C
RGB	168, 120, 124
RGB Percent	66%, 47%, 49%
CMY	0.3412, 0.5294, 0.5137
CMYK	0.00, 0.29, 0.26, 0.34
HSL	355°, 22%, 56%
HSV	355°, 29%, 66%
XYZ	26.5030, 23.2130, 22.1525
YIQ	134.8080, 27.3240, 11.4200

# Conversions

## Conversions Part 2

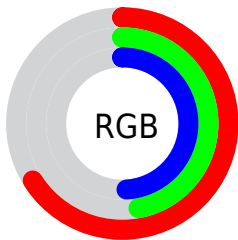
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	168, 120, 124
Decimal	11040892
CIE Lab	55.29, 19.37, 5.29
CIE LCh	55, 20.074, 15.267
Yxy	23.2130, 0.3688, 0.3230
Android (android.graphics.Color)	4289230972 (0xFFA8787C)
YUV	134.8080, -5.3283, 29.1094
Hunter-Lab	48.1799, 13.8753, 6.4651

# Details

The RGB color **168, 120, 124** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **120, 168, 164**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **224, 173, 176**, and **115, 71, 75** is the 20% darker color. If you saturate the color by 10%, you get **168, 103, 109**, and if you desaturate by 10%, it is **168, 137, 139**.

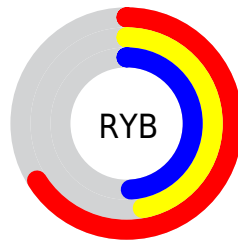
# Distribution



Red (66%)

Green (47%)

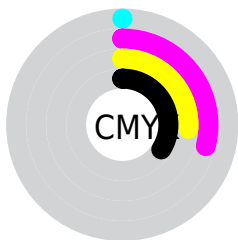
Blue (49%)



Red (66%)

Yellow (47%)

Blue (49%)

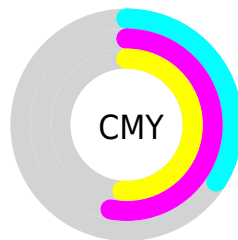


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (34%)



Cyan (34%)

Magenta (53%)

Yellow (51%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 168, 120, 124 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, 120, 124 by changing the saturation by 10% instead.



 168, 120, 124

255, 255, 255


 224, 173, 176

 253, 200, 204

 255, 228, 232

 168, 120, 124

 141, 95, 99

 115, 71, 75

 89, 48, 53

 65, 26, 32

 42, 3, 7

 0, 0, 0


 168, 120, 124

 168, 103, 109

 168, 86, 93

 168, 120, 124


 168, 137, 139

 168, 154, 155

 168, 70, 78

 168, 170, 170

 168, 53, 62

 168, 187, 186

 168, 36, 47

 168, 204, 201

 168, 19, 32

 168, 221, 216

 168, 2, 16

 168, 238, 232

 168, 0, 14

 168, 254, 247

 168, 255, 255

# Harmonies

## Analogous

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



162, 121, 142



168, 120, 124



165, 123, 108

# Triad

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



168, 120, 124



116, 139, 108



100, 137, 166

# Complementary

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



168, 120, 124



120, 168, 164

# 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.



84, 141, 156



168, 120, 124



97, 142, 123

# Square

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



168, 120, 124



136, 134, 99



84, 142, 141



124, 131, 166

# Rectangle

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



168, 120, 124



158, 126, 101



84, 142, 141



93, 138, 163



# Sweetspot

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



168, 120, 124



219, 200, 201



164, 120, 168



110, 98, 99



237, 237, 237



110, 110, 110



# Same Dimension

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



168, 120, 124



219, 145, 151



168, 140, 120



84, 76, 76



148, 0, 12



20, 0, 2



# Inverse Universe

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



168, 120, 124



219, 145, 151



120, 148, 168



84, 76, 76



148, 0, 12

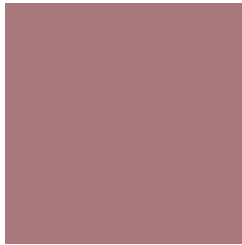


20, 0, 2



# Previews

## White Background



This preview shows how the RGB color 168, 120, 124 looks on a white 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

# Black Background



This preview shows how the RGB color 168, 120, 124 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 168, 120, 124 Background



This preview shows how black text looks on a background with the RGB color 168, 120, 124.



This preview shows how white text looks on a background with the RGB color 168, 120, 124.

# 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, 120, 124

**Protanopia**

135, 132, 131

**Deuteranopia**

149, 128, 123



**Tritanopia**  
168, 119, 128

# Trichromacy



**Original Color**

168, 120, 124

**Protanomaly**

147, 128, 128

**Deuteranomaly**

156, 125, 123

**Tritanomaly**

168, 119, 127

# Monochromacy



**Original Color**

168, 120, 124

**Achromatopsia**

135, 135, 135

**Achromatomaly**

147, 130, 131

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 168, 120, 124 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, 120, 124)` looks like.

```
.text, #text, p{  
    color:rgb(168, 120, 124)  
}
```

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, 120, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 120, 124) }
```

## Border

The CSS property to change the border of an element to RGB 168, 120, 124 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, 120, 124) }
```

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

```
.border{ border-color:rgb(168, 120, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 120, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 120, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 120, 124);  
box-shadow:4px 4px 4px 4px rgb(168, 120,  
124) }
```

# Background

The CSS property to change the background color of an element to RGB 168, 120, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 120, 124) }
```

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

```
.background{ background-color: rgb(168,  
120, 124) }
```

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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