

Converting Colors

RGB(180, 120, 116)

Have a look what the booklet for
RGB(180, 120, 116) contains.

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Color

RGB(180, 120, 116)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B47874 |
| RGB | 180, 120, 116 |
| RGB Percent | 71%, 47%, 45% |
| CMY | 0.2941, 0.5294, 0.5451 |
| CMYK | 0.00, 0.33, 0.36, 0.29 |
| HSL | 4°, 30%, 58% |
| HSV | 4°, 36%, 71% |
| XYZ | 28.6912, 24.3972, 19.7199 |
| YIQ | 137.4840, 37.0440, 11.4760 |

Conversions

Conversions Part 2

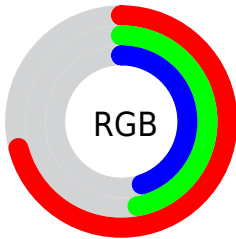
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 180, 120, 116 |
| Decimal | 11827316 |
| CIELab | 56.48, 22.98, 11.81 |
| CIELCh | 56, 25.840, 27.209 |
| Yxy | 24.3972, 0.3941, 0.3351 |
| Android (android.graphics.Color) | 4290017396 (0xFFB47874) |
| YUV | 137.4840, -10.5916, 37.2865 |
| Hunter-Lab | 49.3935, 17.2468, 10.9044 |

Details

The RGB color **180, 120, 116** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **116, 176, 180**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **237, 173, 168**, and **125, 71, 68** is the 20% darker color. If you saturate the color by 10%, you get **180, 103, 98**, and if you desaturate by 10%, it is **180, 137, 134**.

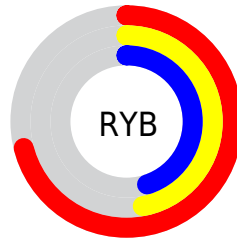
Distribution



Red (71%)

Green (47%)

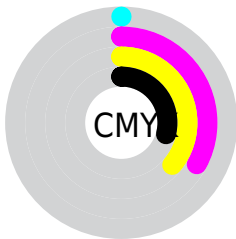
Blue (45%)



Red (71%)

Yellow (47%)

Blue (45%)

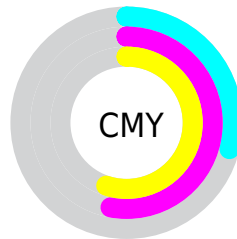


Cyan (0%)

Magenta (33%)

Yellow (36%)

Black (29%)



Cyan (29%)


Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 120, 116 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 180, 120, 116 by changing the saturation by 10% instead.

 180, 120, 116

255, 255, 255


 237, 173, 168


 255, 200, 195

 255, 228, 223

255, 255, 252

 180, 120, 116

 180, 103, 98

 180, 120, 116

 152, 95, 91

 125, 71, 68


 99, 47, 46


 73, 25, 25

 50, 3, 0

 18, 0, 0

 0, 0, 0


 180, 120, 116

 180, 137, 134


 180, 86, 80

 180, 154, 152

 180, 69, 62

 180, 171, 170

 180, 52, 44

 180, 187, 188

 180, 36, 26

 180, 204, 206

 180, 19, 8

 180, 221, 224

 180, 11, 0

 180, 238, 242

 180, 255, 255

Harmonies

Analogous

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



177, 119, 138



180, 120, 116



171, 126, 98

Triad

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



180, 120, 116



104, 145, 110



103, 138, 180

Complementary

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



180, 120, 116



116, 176, 180

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.



72, 144, 173



180, 120, 116



78, 148, 132

Square

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



180, 120, 116



130, 140, 95



62, 147, 155



136, 130, 175

Rectangle

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



180, 120, 116



160, 131, 92



62, 147, 155



92, 140, 179

Sweetspot

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



180, 120, 116



235, 210, 209



180, 116, 177



117, 103, 102



245, 245, 245



117, 117, 117

Same Dimension

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



180, 120, 116



235, 140, 134



180, 151, 116



89, 81, 80



153, 10, 0



26, 2, 0

Inverse Universe

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



116, 176, 180



134, 228, 235



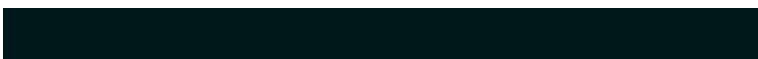
116, 145, 180



80, 89, 89



0, 143, 153



0, 24, 26

Previews

White Background



This preview shows how the RGB color 180, 120, 116 looks on a white background.

Color Contrast Check

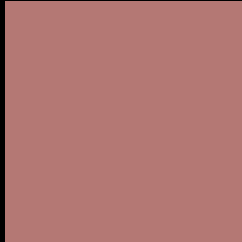
Large Text (above 18pt) WCAG AA ✓ Pass

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 180, 120, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

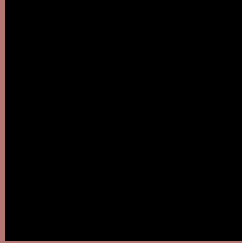
Any Text WCAG AA ✓ Pass

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 180, 120, 116 Background



This preview shows how black text looks on a background with the RGB color 180, 120, 116.



This preview shows how white text looks on a background with the RGB color 180, 120, 116.

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
180, 120, 116

Protanopia
141, 135, 124

Deuteranopia
157, 131, 114



Tritanopia
181, 118, 127

Trichromacy



Original Color

180, 120, 116

Protanomaly

155, 130, 121

Deuteranomaly

165, 127, 115

Tritanomaly

181, 119, 123

Monochromacy



Original Color

180, 120, 116

Achromatopsia

137, 137, 137

Achromatomaly

153, 131, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 120, 116 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(180, 120, 116)` looks like.

```
.text, #text, p{  
    color:rgb(180, 120, 116)  
}
```

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(180, 120, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 120, 116) }
```

Border

The CSS property to change the border of an element to RGB 180, 120, 116 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(180, 120, 116) }
```

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

```
.border{ border-color:rgb(180, 120, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 120, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 120, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 120, 116);  
box-shadow:4px 4px 4px 4px rgb(180, 120,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 180, 120, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 120, 116) }
```

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

```
.background{ background-color: rgb(180,  
120, 116) }
```

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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