

Converting Colors

RGB(166, 144, 133)

Have a look what the booklet for
RGB(166, 144, 133) contains.

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Color

RGB(166, 144, 133)

Conversions

Conversions Part 1

Format	Color
Hex	A69085
RGB	166, 144, 133
RGB Percent	65%, 56%, 52%
CMY	0.3490, 0.4353, 0.4784
CMYK	0.00, 0.13, 0.20, 0.35
HSL	20°, 16%, 59%
HSV	20°, 20%, 65%
XYZ	29.9328, 29.7470, 26.3544
YIQ	149.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

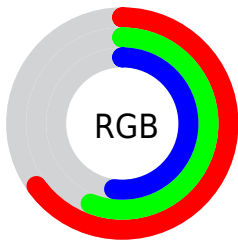
Format	Color
RYB	166, 150, 133
Decimal	10915973
CIELab	61.44, 6.41, 8.87
CIELCh	61, 10.939, 54.160
Yxy	29.7470, 0.3479, 0.3458
Android (android.graphics.Color)	4289106053 (0xFFA69085)
YUV	149.3240, -8.0477, 14.6249
Hunter-Lab	54.5408, 2.5171, 9.5293

Details

The RGB color **166, 144, 133** is a light color, and the websafe version is hex **999999**. A complement of this color would be **133, 155, 166**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **221, 198, 186**, and **114, 94, 84** is the 20% darker color. If you saturate the color by 10%, you get **166, 133, 116**, and if you desaturate by 10%, it is **166, 155, 150**.

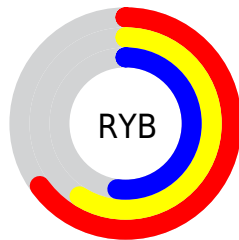
Distribution



Red (65%)

Green (56%)

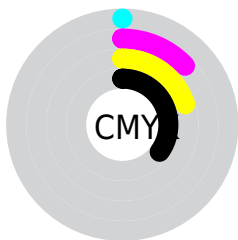
Blue (52%)



Red (65%)

Yellow (59%)

Blue (52%)

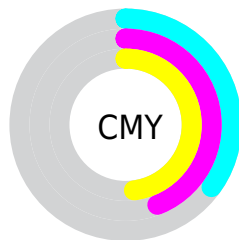


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (35%)



Cyan (35%)

Magenta (44%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the RGB color 166, 144, 133 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, 144, 133 by changing the saturation by 10% instead.


 166, 144, 133


255, 255, 255

 221, 198, 186

 250, 226, 214

 255, 254, 242

 166, 144, 133

 139, 118, 108

 114, 94, 84

 89, 70, 60

 65, 48, 39


 42, 27, 18

 21, 0, 0

 0, 0, 0

 166, 144, 133


 166, 133, 116

 166, 144, 133


 166, 155, 150

 166, 122, 100

 166, 166, 166

 166, 111, 83

 166, 177, 183

 166, 100, 67

 166, 188, 199

 166, 89, 50

 166, 199, 216

 166, 78, 33

 166, 210, 233

 166, 67, 17

 166, 221, 249

 166, 55, 0

 166, 233, 255

 166, 55, 0

 166, 244, 255

Harmonies

Analogous

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



169, 142, 141



166, 144, 133



158, 147, 129

Triad

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



166, 144, 133



128, 154, 146



148, 146, 166

Complementary

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



166, 144, 133



133, 155, 166

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.



136, 150, 167



166, 144, 133



124, 154, 156

Square

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



166, 144, 133



137, 153, 137



127, 152, 164



159, 144, 160

Rectangle

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



166, 144, 133



151, 149, 130



127, 152, 164



144, 148, 167

Sweetspot

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



166, 144, 133



217, 208, 204



166, 133, 155



110, 105, 102



237, 237, 237



110, 110, 110

Same Dimension

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



166, 144, 133



217, 182, 165



166, 160, 133



84, 79, 76



148, 49, 0



20, 7, 0

Inverse Universe

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



133, 155, 166



165, 199, 217



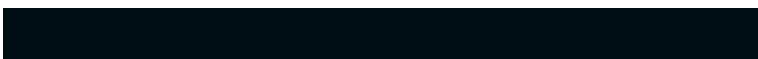
133, 139, 166



76, 81, 84



0, 99, 148



0, 14, 20

Previews

White Background



This preview shows how the RGB color 166, 144, 133 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 166, 144, 133 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 166, 144, 133 Background



This preview shows how black text looks on a background with the RGB color 166, 144, 133.



This preview shows how white text looks on a background with the RGB color 166, 144, 133.

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


166, 144, 133

Protanopia

154, 148, 135

Deuteranopia

168, 143, 133



Tritanopia
168, 141, 152

Trichromacy



Original Color

166, 144, 133

Protanomaly

158, 147, 134

Deuteranomaly

167, 143, 133

Tritanomaly

167, 142, 145

Monochromacy



Original Color

166, 144, 133

Achromatopsia

149, 149, 149

Achromatomaly

155, 147, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 144, 133 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, 144, 133) looks like.

```
.text, #text, p{  
    color:rgb(166, 144, 133)  
}
```

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, 144, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 144, 133) }
```

Border

The CSS property to change the border of an element to RGB 166, 144, 133 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, 144, 133) }
```

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

```
.border{ border-color:rgb(166, 144, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 144, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 144, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 144, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 144,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 166, 144, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 144, 133) }
```

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

```
.background{ background-color: rgb(166,  
144, 133) }
```

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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