

Converting Colors

RGB(133, 124, 106)

Have a look what the booklet for
RGB(133, 124, 106) contains.

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Color

RGB(133, 124, 106)

Conversions

Conversions Part 1

Format	Color
Hex	857C6A
RGB	133, 124, 106
RGB Percent	52%, 49%, 42%
CMY	0.4784, 0.5137, 0.5843
CMYK	0.00, 0.07, 0.20, 0.48
HSL	40°, 11%, 47%
HSV	40°, 20%, 52%
XYZ	19.4820, 20.4425, 16.5546
YIQ	124.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

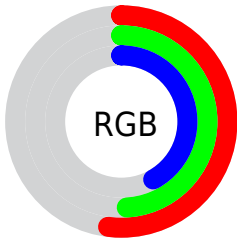
Format	Color
RYB	120, 133, 106
Decimal	8748138
CIELab	52.33, 0.26, 11.07
CIElCh	52, 11.074, 88.639
Yxy	20.4425, 0.3449, 0.3619
Android (android.graphics.Color)	4286938218 (0xFF857C6A)
YUV	124.6390, -9.1890, 7.3326
Hunter-Lab	45.2133, -2.2092, 9.9406

Details

The RGB color **133, 124, 106** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106, 115, 133**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **186, 176, 157**, and **83, 75, 59** is the 20% darker color. If you saturate the color by 10%, you get **133, 120, 93**, and if you desaturate by 10%, it is **133, 128, 119**.

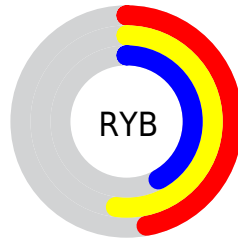
Distribution



Red (52%)

Green (49%)

Blue (42%)



Red (47%)

Yellow (52%)

Blue (42%)

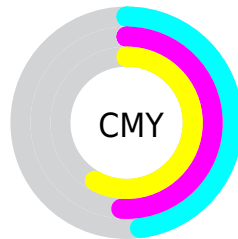


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (48%)



Cyan (48%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 124, 106 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 133, 124, 106 by changing the saturation by 10% instead.

 133, 124, 106

255, 255, 255


 186, 176, 157

 214, 204, 184

 243, 232, 212

 255, 255, 240

 133, 124, 106

 133, 120, 93

 133, 115, 79

 133, 124, 106

 108, 99, 82

 83, 75, 59

 60, 53, 37

 38, 32, 16

 13, 8, 0

 0, 0, 0

 133, 124, 106

 133, 128, 119

 133, 133, 133

■ 133, 111, 66

■ 133, 137, 146

■ 133, 106, 53

■ 133, 142, 159

■ 133, 102, 39

■ 133, 146, 173

■ 133, 97, 26

■ 133, 151, 186

■ 133, 93, 13

■ 133, 155, 199

■ 133, 89, 0

■ 133, 159, 212

■ 133, 164, 226

Harmonies

Analogous

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



141, 121, 109



133, 124, 106



122, 127, 108

Triad

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



133, 124, 106



100, 130, 134



137, 120, 135

Complementary

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



133, 124, 106



106, 115, 133

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.



126, 123, 141



133, 124, 106



104, 128, 141

Square

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



133, 124, 106



103, 130, 124



114, 126, 144



144, 118, 126

Rectangle

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



133, 124, 106



115, 129, 112



114, 126, 144



134, 121, 137

Sweetspot

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



133, 124, 106



173, 170, 163



133, 106, 115



87, 85, 81



214, 214, 214



87, 87, 87

Same Dimension

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



133, 124, 106



173, 160, 132



129, 133, 106



66, 64, 60



130, 87, 0



3, 2, 0

Inverse Universe

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



106, 115, 133



132, 146, 173



110, 106, 133



60, 62, 66



0, 43, 130



0, 1, 3

Previews

White Background



This preview shows how the RGB color 133, 124, 106 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 133, 124, 106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

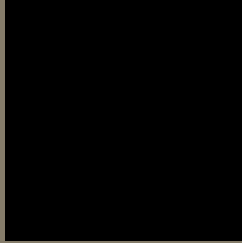
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

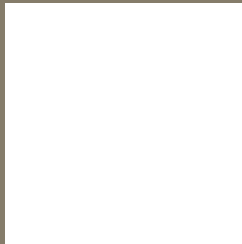
Any Text WCAG AAA × Fail

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

RGB 133, 124, 106 Background



This preview shows how black text looks on a background with the RGB color 133, 124, 106.



This preview shows how white text looks on a background with the RGB color 133, 124, 106.

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


133, 124, 106

Protanopia

131, 125, 106

Deuteranopia

143, 120, 107



Tritanopia
136, 121, 130

Trichromacy



Original Color

133, 124, 106

Protanomaly

132, 125, 106

Deuteranomaly

139, 121, 107

Tritanomaly

135, 122, 121

Monochromacy



Original Color

133, 124, 106

Achromatopsia

125, 125, 125

Achromatomaly

128, 125, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 124, 106 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(133, 124, 106) looks like.

```
.text, #text, p{  
    color:rgb(133, 124, 106)  
}
```

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(133, 124, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 124, 106) }
```

Border

The CSS property to change the border of an element to RGB 133, 124, 106 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(133, 124, 106) }
```

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

```
.border{ border-color:rgb(133, 124, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 124, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 124, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 124, 106);  
box-shadow:4px 4px 4px 4px rgb(133, 124,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 133, 124, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 124, 106) }
```

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

```
.background{ background-color: rgb(133,  
124, 106) }
```

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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