

# Converting Colors

RGB(199, 133, 108)

Have a look what the booklet for  
RGB(199, 133, 108) contains.

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# **Color**

**RGB(199, 133, 108)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7856C
RGB	199, 133, 108
RGB Percent	78%, 52%, 42%
CMY	0.2196, 0.4784, 0.5765
CMYK	0.00, 0.33, 0.46, 0.22
HSL	16°, 45%, 60%
HSV	16°, 46%, 78%
XYZ	34.6475, 29.9999, 18.1518
YIQ	149.8840, 47.3610, 6.2170

# Conversions

## Conversions Part 2

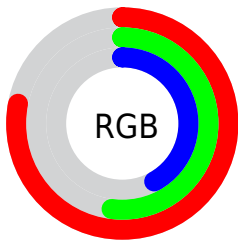
Format	Color
R <sub>YB</sub>	199, 142, 108
Decimal	13075820
CIE Lab	61.65, 22.46, 23.81
CIE LCh	62, 32.733, 46.676
Yxy	29.9999, 0.4185, 0.3623
Android (android.graphics.Color)	4291265900 (0xFFC7856C)
YUV	149.8840, -20.6488, 43.0747
Hunter-Lab	54.7721, 17.0634, 18.6915

# Details

The RGB color **199, 133, 108** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **108, 174, 199**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **255, 187, 160**, and **142, 83, 60** is the 20% darker color. If you saturate the color by 10%, you get **199, 119, 88**, and if you desaturate by 10%, it is **199, 147, 128**.

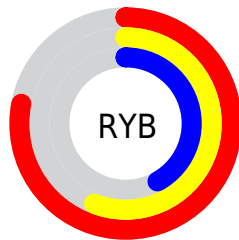
# Distribution



Red (78%)

Green (52%)

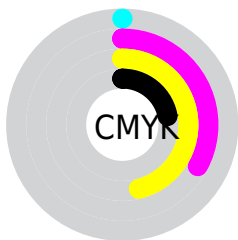
Blue (42%)



Red (78%)

Yellow (56%)

Blue (42%)

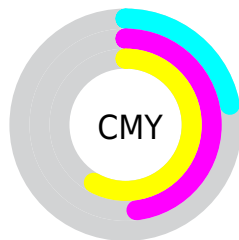


Cyan (0%)

Magenta (33%)

Yellow (46%)

Black (22%)



Cyan (22%)

Magenta (48%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 199, 133, 108 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 199, 133, 108 by changing the saturation by 10% instead.



 199, 133, 108

255, 255, 255

 255, 187, 160

 255, 214, 187


 255, 243, 214

 255, 255, 243

 199, 133, 108

 170, 107, 84

 142, 83, 60

 115, 59, 38

 88, 37, 17

 63, 14, 0

 39, 0, 0

 0, 0, 0

 199, 133, 108

 199, 119, 88

 199, 133, 108

 199, 147, 128

199, 104, 68

199, 162, 148

199, 90, 48

199, 176, 168

199, 75, 28

199, 191, 188

199, 61, 9

199, 205, 208

199, 55, 0

199, 220, 227

199, 234, 247

199, 248, 255

199, 255, 255

# Harmonies

## Analogous

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



206, 127, 134



199, 133, 108



180, 143, 93

# Triad

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



199, 133, 108



83, 164, 135



134, 146, 204

# Complementary

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



199, 133, 108



108, 174, 199

# 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.



86, 156, 205



199, 133, 108



46, 164, 165

# Square

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



199, 133, 108



119, 160, 108



42, 162, 190



172, 136, 189

# Rectangle

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



199, 133, 108



162, 149, 91



42, 162, 190



118, 150, 206

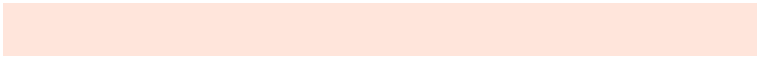


# Sweetspot

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



199, 133, 108



255, 229, 219



199, 108, 175



128, 112, 106



0, 0, 0



128, 128, 128



# Same Dimension

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



199, 133, 108



255, 153, 115



199, 178, 108



99, 92, 90



163, 45, 0



36, 10, 0

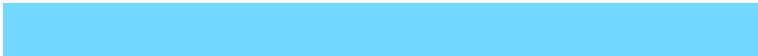


# Inverse Universe

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



108, 174, 199



115, 216, 255



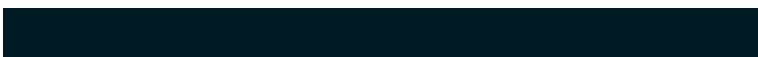
108, 129, 199



90, 97, 99



0, 118, 163



0, 26, 36



# Previews

## White Background



This preview shows how the RGB color 199, 133, 108 looks on a white background.

## Color Contrast Check

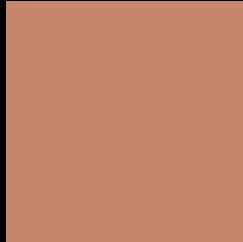
Large Text (above 18pt) WCAG AA ✓ Pass

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 199, 133, 108 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

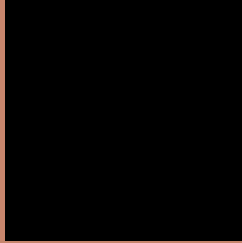
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 199, 133, 108 Background



This preview shows how black text looks on a background with the RGB color 199, 133, 108.



This preview shows how white text looks on a background with the RGB color 199, 133, 108.

# 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**  
199, 133, 108

**Protanopia**  
159, 149, 115

**Deuteranopia**  
177, 143, 106



# Tritanopia

202, 129, 138

# Trichromacy



**Original Color**  
199, 133, 108

**Protanomaly**  
174, 143, 112

**Deuteranomaly**  
185, 139, 107

**Tritanomaly**  
201, 130, 127

# Monochromacy



**Original Color**  
199, 133, 108

**Achromatopsia**  
150, 150, 150

**Achromatomaly**  
168, 144, 135

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 199, 133, 108 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(199, 133, 108)` looks like.

```
.text, #text, p{  
    color:rgb(199, 133, 108)  
}
```

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(199, 133, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 133, 108) }
```

## Border

The CSS property to change the border of an element to RGB 199, 133, 108 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(199, 133, 108) }
```

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

```
.border{ border-color:rgb(199, 133, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 133, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 133, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 133, 108);  
box-shadow:4px 4px 4px 4px rgb(199, 133,  
108) }
```

# Background

The CSS property to change the background color of an element to RGB 199, 133, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 133, 108) }
```

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

```
.background{ background-color: rgb(199,  
133, 108) }
```

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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