

Converting Colors

RGB(204, 132, 104)

Have a look what the booklet for
RGB(204, 132, 104) contains.

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Color

RGB(204, 132, 104)

Conversions

Conversions Part 1

Format	Color
Hex	CC8468
RGB	204, 132, 104
RGB Percent	80%, 52%, 41%
CMY	0.2000, 0.4824, 0.5922
CMYK	0.00, 0.35, 0.49, 0.20
HSL	17°, 50%, 60%
HSV	17°, 49%, 80%
XYZ	35.6518, 30.3394, 17.0737
YIQ	150.3360, 51.9000, 6.5560

Conversions

Conversions Part 2

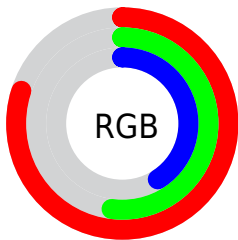
Format	Color
R _{YB}	204, 143, 104
Decimal	13403240
CIE Lab	61.95, 24.62, 26.54
CIE LCh	62, 36.200, 47.150
Yxy	30.3394, 0.4292, 0.3652
Android (android.graphics.Color)	4291593320 (0xFFCC8468)
YUV	150.3360, -22.8436, 47.0633
Hunter-Lab	55.0812, 19.1436, 20.1785

Details

The RGB color **204, 132, 104** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **104, 176, 204**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **255, 186, 155**, and **147, 82, 56** is the 20% darker color. If you saturate the color by 10%, you get **204, 117, 84**, and if you desaturate by 10%, it is **204, 147, 124**.

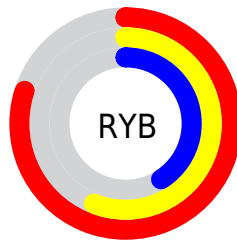
Distribution



Red (80%)

Green (52%)

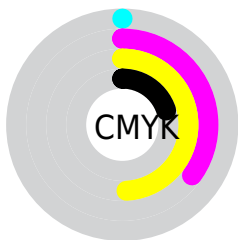
Blue (41%)



Red (80%)

Yellow (56%)

Blue (41%)

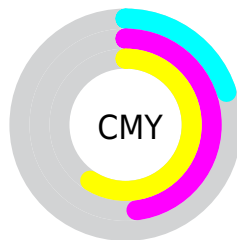


Cyan (0%)

Magenta (35%)

Yellow (49%)

Black (20%)



Cyan (20%)


Magenta (48%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 132, 104 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 204, 132, 104 by changing the saturation by 10% instead.

 204, 132, 104

255, 255, 255

 255, 186, 155

 255, 213, 182

 255, 242, 210

 255, 255, 238

 204, 132, 104

 175, 106, 80

 147, 82, 56

 119, 58, 34

 92, 35, 13

 66, 12, 0


 42, 0, 0

 0, 0, 0

 204, 132, 104

 204, 117, 84

 204, 132, 104

 204, 147, 124

■ 204, 103, 63

■ 204, 161, 145

■ 204, 88, 43

■ 204, 176, 165

■ 204, 73, 22

■ 204, 191, 186

■ 204, 59, 2

■ 204, 205, 206

■ 204, 57, 0

■ 204, 220, 226

■ 204, 235, 247

■ 204, 250, 255

■ 204, 255, 255

Harmonies

Analogous

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



212, 125, 132



204, 132, 104



183, 143, 87

Triad

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



204, 132, 104



73, 166, 134



132, 146, 211

Complementary

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



204, 132, 104



104, 176, 204

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.



75, 157, 212



204, 132, 104



3, 167, 167

Square

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



204, 132, 104



116, 161, 105



0, 164, 196



176, 135, 194

Rectangle

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



204, 132, 104



163, 150, 85



0, 164, 196



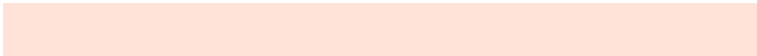
115, 150, 213

Sweetspot

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



204, 132, 104



255, 227, 217



204, 104, 177



128, 111, 105



0, 0, 0



128, 128, 128

Same Dimension

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



204, 132, 104



255, 147, 105



204, 181, 104



102, 95, 92



166, 46, 0



38, 11, 0

Inverse Universe

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



104, 176, 204



105, 213, 255



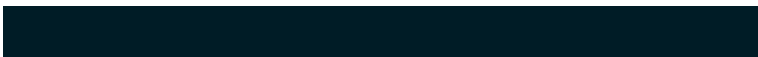
104, 127, 204



92, 99, 102



0, 119, 166



0, 28, 38

Previews

White Background



This preview shows how the RGB color 204, 132, 104 looks on a white background.

Color Contrast Check

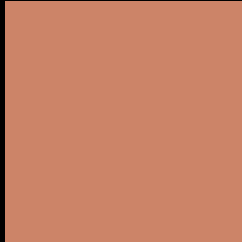
Large Text (above 18pt) WCAG AA × Fail

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 204, 132, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

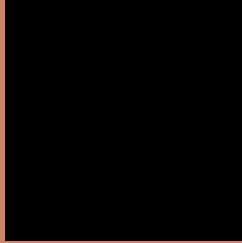
Any Text WCAG AA ✓ Pass

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 204, 132, 104 Background



This preview shows how black text looks on a background with the RGB color 204, 132, 104.



This preview shows how white text looks on a background with the RGB color 204, 132, 104.

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
204, 132, 104

Protanopia
161, 150, 112

Deuteranopia
180, 144, 102



Tritanopia
207, 127, 137

Trichromacy



Original Color

204, 132, 104

Protanomaly

177, 143, 109

Deuteranomaly

189, 140, 103

Tritanomaly

206, 129, 125

Monochromacy



Original Color

204, 132, 104

Achromatopsia

150, 150, 150

Achromatomaly

170, 143, 133

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 132, 104 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(204, 132, 104)` looks like.

```
.text, #text, p{  
    color:rgb(204, 132, 104)  
}
```

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(204, 132, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 132, 104) }
```

Border

The CSS property to change the border of an element to RGB 204, 132, 104 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(204, 132, 104) }
```

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

```
.border{ border-color:rgb(204, 132, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 132, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 132, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 132, 104);  
box-shadow:4px 4px 4px 4px rgb(204, 132,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 204, 132, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 132, 104) }
```

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

```
.background{ background-color: rgb(204,  
132, 104) }
```

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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