

Converting Colors

RGB(196, 164, 100)

Have a look what the booklet for
RGB(196, 164, 100) contains.

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Color

RGB(196, 164, 100)

Conversions

Conversions Part 1

Format	Color
Hex	C4A464
RGB	196, 164, 100
RGB Percent	77%, 64%, 39%
CMY	0.2314, 0.3569, 0.6078
CMYK	0.00, 0.16, 0.49, 0.23
HSL	40°, 45%, 58%
HSV	40°, 49%, 77%
XYZ	38.3407, 39.2068, 17.6035
YIQ	166.2720, 39.6160, -13.1200

Conversions

Conversions Part 2

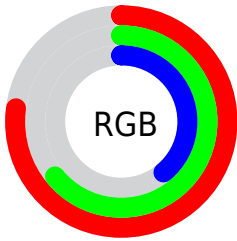
Format	Color
RYB	148, 196, 100
Decimal	12887140
CIELab	68.90, 3.49, 37.43
CIElCh	69, 37.589, 84.675
Yxy	39.2068, 0.4029, 0.4120
Android (android.graphics.Color)	4291077220 (0xFFC4A464)
YUV	166.2720, -32.6721, 26.0715
Hunter-Lab	62.6153, -0.2776, 27.1621

Details

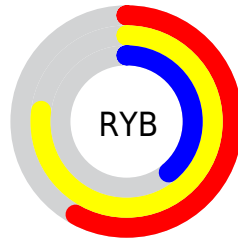
The RGB color **196, 164, 100** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **100, 132, 196**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **254, 219, 152**, and **140, 112, 51** is the 20% darker color. If you saturate the color by 10%, you get **196, 157, 80**, and if you desaturate by 10%, it is **196, 171, 120**.

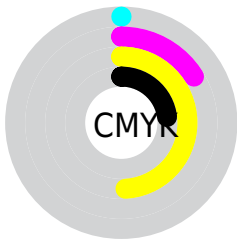
Distribution



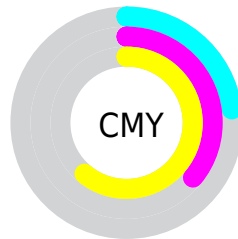
- Red (77%)
- Green (64%)
- Blue (39%)



- Red (58%)
- Yellow (77%)
- Blue (39%)



- Cyan (0%)
- Magenta (16%)
- Yellow (49%)
- Black (23%)



- Cyan (23%)
- Magenta (36%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 164, 100 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 196, 164, 100 by changing the saturation by 10% instead.

 196, 164, 100

255, 255, 255

 254, 219, 152

 255, 247, 179

 255, 255, 207

 255, 255, 235

 196, 164, 100

 168, 138, 75

 140, 112, 51

 113, 88, 27

 87, 65, 2

 62, 43, 0


 37, 23, 0

 0, 0, 0

 196, 164, 100

 196, 157, 80

 196, 164, 100

 196, 171, 120

■ 196, 151, 61

■ 196, 177, 139

■ 196, 144, 41

■ 196, 184, 159

■ 196, 138, 22

■ 196, 190, 178

■ 196, 131, 2

■ 196, 197, 198

■ 196, 131, 0

■ 196, 203, 218

■ 196, 210, 237

■ 196, 216, 255

■ 196, 223, 255

Harmonies

Analogous

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



222, 152, 114



196, 164, 100



162, 175, 105

Triad

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



196, 164, 100



23, 186, 195



205, 149, 208

Complementary

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



196, 164, 100



100, 132, 196

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.



163, 162, 230



196, 164, 100



44, 182, 223

Square

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



196, 164, 100



76, 186, 161



108, 173, 235



229, 142, 176

Rectangle

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



196, 164, 100



136, 180, 119



108, 173, 235



193, 153, 217

Sweetspot

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



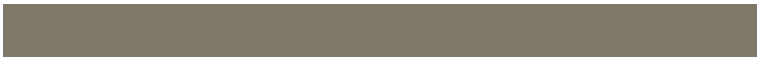
196, 164, 100



255, 242, 217



196, 100, 132



128, 120, 105



0, 0, 0



128, 128, 128

Same Dimension

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



196, 164, 100



255, 205, 105



180, 196, 100



97, 94, 87



161, 107, 0



33, 22, 0

Inverse Universe

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



100, 132, 196



105, 155, 255



116, 100, 196



87, 90, 97



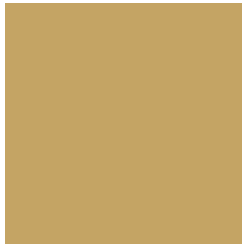
0, 54, 161



0, 11, 33

Previews

White Background



This preview shows how the RGB color 196, 164, 100 looks on a white background.

Color Contrast Check

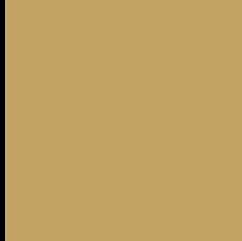
Large Text (above 18pt) WCAG AA × Fail

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 196, 164, 100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

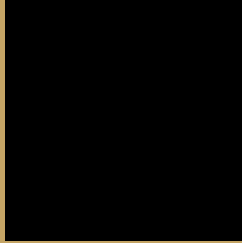
Any Text WCAG AA ✓ Pass

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 196, 164, 100 Background



This preview shows how black text looks on a background with the RGB color 196, 164, 100.



This preview shows how white text looks on a background with the RGB color 196, 164, 100.

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
196, 164, 100

Protanopia
184, 168, 102

Deuteranopia
204, 161, 101



Tritanopia

202, 156, 168

Trichromacy



Original Color
196, 164, 100

Protanomaly
188, 167, 101

Deuteranomaly
201, 162, 101

Tritanomaly
200, 159, 143

Monochromacy



Original Color
196, 164, 100

Achromatopsia
166, 166, 166

Achromatomaly
177, 165, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 164, 100 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(196, 164, 100)` looks like.

```
.text, #text, p{  
    color:rgb(196, 164, 100)  
}
```

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(196, 164, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 164, 100) }
```

Border

The CSS property to change the border of an element to RGB 196, 164, 100 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(196, 164, 100) }
```

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

```
.border{ border-color:rgb(196, 164, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 164, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 164, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 164, 100);  
box-shadow:4px 4px 4px 4px rgb(196, 164,  
100) }
```

Background

The CSS property to change the background color of an element to RGB 196, 164, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 164, 100) }
```

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

```
.background{ background-color: rgb(196,  
164, 100) }
```

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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