

# Converting Colors

RGB(193, 172, 125)

Have a look what the booklet for  
RGB(193, 172, 125) contains.

<b>RGB(193, 172, 125)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**RGB(193, 172, 125)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1AC7D
RGB	193, 172, 125
RGB Percent	76%, 67%, 49%
CMY	0.2431, 0.3255, 0.5098
CMYK	0.00, 0.11, 0.35, 0.24
HSL	41°, 35%, 62%
HSV	41°, 35%, 76%
XYZ	40.4465, 42.3232, 25.4395
YIQ	172.9210, 27.6030, -10.1650

# Conversions

## Conversions Part 2

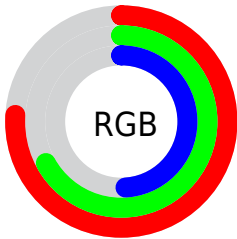
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 193, 125
Decimal	12692605
CIELab	71.09, 0.68, 26.98
CIELCh	71, 26.988, 88.552
Yxy	42.3232, 0.3738, 0.3911
Android (android.graphics.Color)	4290882685 (0xFFC1AC7D)
YUV	172.9210, -23.6251, 17.6093
Hunter-Lab	65.0563, -2.8722, 22.3547

# Details

The RGB color **193, 172, 125** is a light color, and the websafe version is hex **999966**. A complement of this color would be **125, 146, 193**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **250, 227, 178**, and **138, 120, 75** is the 20% darker color. If you saturate the color by 10%, you get **193, 166, 106**, and if you desaturate by 10%, it is **193, 178, 144**.

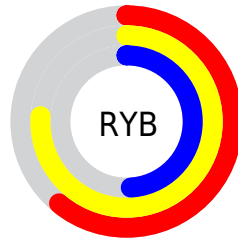
# Distribution



Red (76%)

Green (67%)

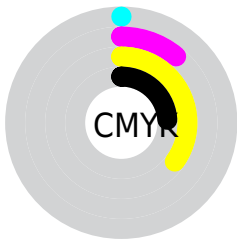
Blue (49%)



Red (61%)

Yellow (76%)

Blue (49%)

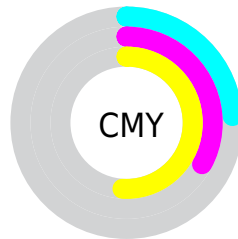


Cyan (0%)

Magenta (11%)

Yellow (35%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 193, 172, 125 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 193, 172, 125 by changing the saturation by 10% instead.




 193, 172, 125

255, 255, 255

 250, 227, 178

 255, 255, 206

 255, 255, 234

 193, 172, 125

 165, 146, 100

 138, 120, 75

 112, 95, 52

 87, 72, 30

 62, 49, 7

 39, 29, 0

 8, 3, 0


 0, 0, 0


 193, 172, 125


 193, 172, 125

 193, 166, 106


 193, 178, 144

 193, 160, 86


 193, 184, 164

 193, 154, 67

 193, 190, 183

 193, 148, 48

 193, 196, 202

 193, 142, 28

 193, 202, 222

 193, 136, 9

 193, 208, 241

 193, 133, 0

 193, 214, 255

 193, 220, 255

 193, 226, 255

# Harmonies

## Analogous

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



213, 164, 133



193, 172, 125



167, 180, 130

# Triad

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



193, 172, 125



100, 187, 197



205, 160, 200

# Complementary

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



193, 172, 125



125, 146, 193

# 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.



176, 168, 217



193, 172, 125



111, 183, 215

# Square

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



193, 172, 125



113, 188, 172



142, 177, 223



221, 156, 176

# Rectangle

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



193, 172, 125



148, 184, 141



142, 177, 223



196, 163, 207

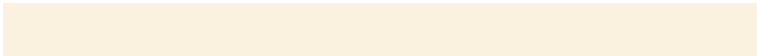


# Sweetspot

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



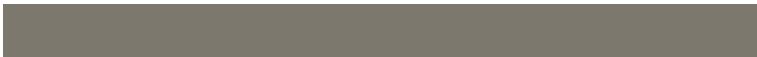
193, 172, 125



250, 241, 222



193, 125, 147



125, 120, 109



252, 252, 252



125, 125, 125



# Same Dimension

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



193, 172, 125



250, 217, 145



181, 193, 125



97, 94, 87



161, 111, 0



33, 23, 0



# Inverse Universe

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



125, 146, 193



145, 177, 250



137, 125, 193



87, 90, 97



0, 50, 161

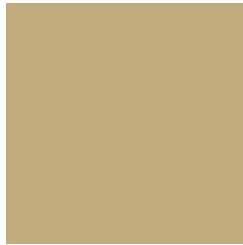


0, 10, 33



# Previews

## White Background



This preview shows how the RGB color 193, 172, 125 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 193, 172, 125 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

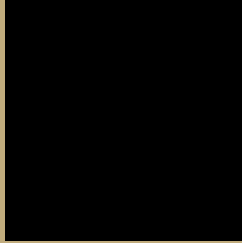
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 193, 172, 125 Background



This preview shows how black text looks on a background with the RGB color 193, 172, 125.



This preview shows how white text looks on a background with the RGB color 193, 172, 125.

# 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**  
193, 172, 125

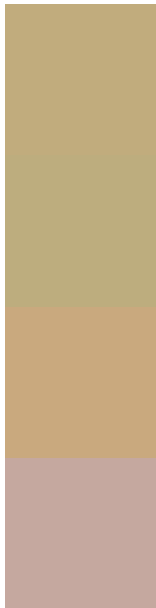
**Protanopia**  
187, 174, 126

**Deuteranopia**  
206, 167, 126



**Tritanopia**  
199, 165, 178

# Trichromacy



**Original Color**  
193, 172, 125

**Protanomaly**  
189, 173, 126

**Deuteranomaly**  
201, 169, 126

**Tritanomaly**  
197, 168, 159

# Monochromacy



**Original Color**  
193, 172, 125

**Achromatopsia**  
173, 173, 173

**Achromatomaly**  
180, 173, 156

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 193, 172, 125 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(193, 172, 125)` looks like.

```
.text, #text, p{  
    color:rgb(193, 172, 125)  
}
```

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(193, 172, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 172, 125) }
```

## Border

The CSS property to change the border of an element to RGB 193, 172, 125 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(193, 172, 125) }
```

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

```
.border{ border-color:rgb(193, 172, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 172, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 172, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 172, 125);  
box-shadow:4px 4px 4px 4px rgb(193, 172,  
125) }
```

# Background

The CSS property to change the background color of an element to RGB 193, 172, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 172, 125) }
```

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

```
.background{ background-color: rgb(193,  
172, 125) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor