

Converting Colors

RGB(213, 194, 151)

Have a look what the booklet for
RGB(213, 194, 151) contains.

RGB(213, 194, 151)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(213, 194, 151)

Conversions

Conversions Part 1

Format	Color
Hex	D5C297
RGB	213, 194, 151
RGB Percent	84%, 76%, 59%
CMY	0.1647, 0.2392, 0.4078
CMYK	0.00, 0.09, 0.29, 0.16
HSL	42°, 42%, 71%
HSV	42°, 29%, 84%
XYZ	52.3183, 54.9641, 37.1298
YIQ	194.7790, 25.1270, -9.3450

Conversions

Conversions Part 2

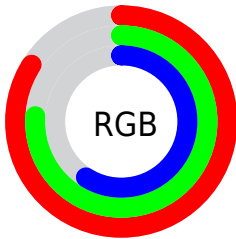
Format	Color
RYB	178, 213, 151
Decimal	14008983
CIELab	79.02, 0.20, 24.10
CIELCh	79, 24.101, 89.525
Yxy	54.9641, 0.3623, 0.3806
Android (android.graphics.Color)	4292199063 (0xFFD5C297)
YUV	194.7790, -21.5830, 15.9798
Hunter-Lab	74.1378, -3.7754, 22.2027

Details

The RGB color **213, 194, 151** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **151, 170, 213**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 250, 205**, and **158, 141, 100** is the 20% darker color. If you saturate the color by 10%, you get **213, 187, 130**, and if you desaturate by 10%, it is **213, 201, 172**.

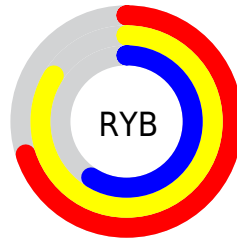
Distribution



Red (84%)

Green (76%)

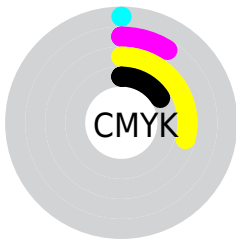
Blue (59%)



Red (70%)

Yellow (84%)

Blue (59%)

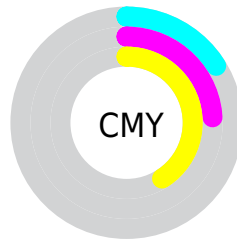


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (16%)



Cyan (16%)

Magenta (24%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the RGB color 213, 194, 151 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 213, 194, 151 by changing the saturation by 10% instead.

 213, 194, 151

 213, 194, 151


255, 255, 255

 185, 167, 125

 255, 250, 205

 158, 141, 100

 255, 255, 234

 131, 115, 76

 105, 91, 52

 80, 67, 30

 56, 45, 7

 34, 25, 0


 0, 0, 0

 213, 194, 151


 213, 194, 151

 213, 187, 130


 213, 201, 172

 213, 181, 108


 213, 207, 194

 213, 174, 87


 213, 214, 215

 213, 168, 66


 213, 220, 236

 213, 161, 45

 213, 227, 255

 213, 155, 23

 213, 233, 255

 213, 148, 2

 213, 240, 255

 213, 148, 0

 213, 246, 255

 213, 253, 255

Harmonies

Analogous

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



232, 187, 158



213, 194, 151



189, 201, 156

Triad

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



213, 194, 151



133, 208, 217



224, 183, 219

Complementary

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



213, 194, 151



151, 170, 213

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.



199, 190, 235



213, 194, 151



143, 204, 234

Square

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



213, 194, 151



142, 208, 194



169, 198, 240



239, 180, 197

Rectangle

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



213, 194, 151



172, 205, 166



169, 198, 240



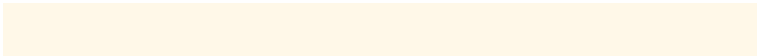
217, 185, 225

Sweetspot

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



213, 194, 151



255, 248, 232



213, 151, 171



128, 123, 113



0, 0, 0



128, 128, 128

Same Dimension

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



213, 194, 151



255, 228, 166



202, 213, 151



107, 104, 96



171, 118, 0



43, 30, 0

Inverse Universe

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



151, 170, 213



166, 193, 255



162, 151, 213



96, 100, 107



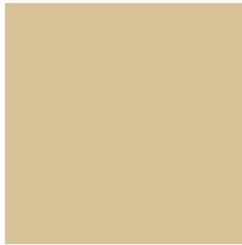
0, 52, 171



0, 13, 43

Previews

White Background



This preview shows how the RGB color 213, 194, 151 looks on a white background.

Color Contrast Check

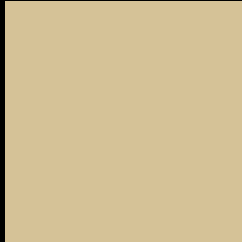
Large Text (above 18pt) WCAG AA × Fail

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 213, 194, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

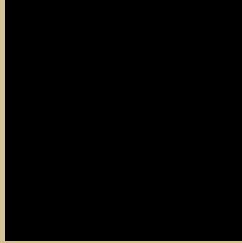
Any Text WCAG AA ✓ Pass

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 213, 194, 151 Background



This preview shows how black text looks on a background with the RGB color 213, 194, 151.



This preview shows how white text looks on a background with the RGB color 213, 194, 151.

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
213, 194, 151

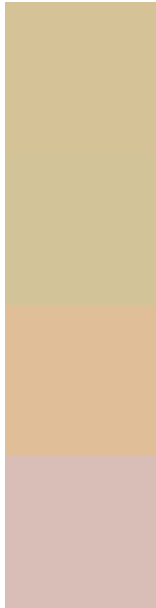
Protanopia
209, 195, 152

Deuteranopia
229, 188, 152



Tritanopia
219, 187, 202

Trichromacy



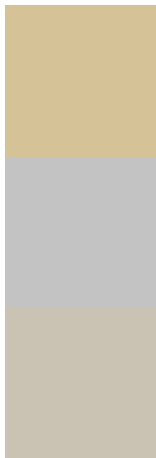
Original Color
213, 194, 151

Protanomaly
210, 195, 152

Deuteranomaly
223, 190, 152

Tritanomaly
217, 190, 183

Monochromacy



Original Color
213, 194, 151

Achromatopsia
195, 195, 195

Achromatomaly
202, 195, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 194, 151 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(213, 194, 151)` looks like.

```
.text, #text, p{  
    color:rgb(213, 194, 151)  
}
```

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(213, 194, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 194, 151) }
```

Border

The CSS property to change the border of an element to RGB 213, 194, 151 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(213, 194, 151) }
```

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

```
.border{ border-color:rgb(213, 194, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 194, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 194, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 194, 151);  
box-shadow:4px 4px 4px 4px rgb(213, 194,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 213, 194, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 194, 151) }
```

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

```
.background{ background-color: rgb(213,  
194, 151) }
```

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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