

Converting Colors

RGB(206, 190, 105)

Have a look what the booklet for
RGB(206, 190, 105) contains.

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Color

RGB(206, 190, 105)

Conversions

Conversions Part 1

Format	Color
Hex	CEBE69
RGB	206, 190, 105
RGB Percent	81%, 75%, 41%
CMY	0.1922, 0.2549, 0.5882
CMYK	0.00, 0.08, 0.49, 0.19
HSL	50°, 51%, 61%
HSV	50°, 49%, 81%
XYZ	46.4169, 50.9686, 20.7561
YIQ	185.0940, 36.8210, -23.0430

Conversions

Conversions Part 2

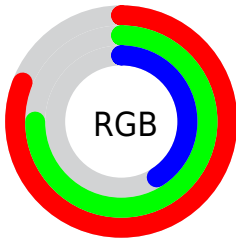
Format	Color
RYB	124, 206, 105
Decimal	13549161
CIELab	76.66, -5.65, 44.65
CIELCh	77, 45.010, 97.212
Yxy	50.9686, 0.3929, 0.4314
Android (android.graphics.Color)	4291739241 (0xFFCEBE69)
YUV	185.0940, -39.4863, 18.3346
Hunter-Lab	71.3923, -8.8820, 32.7371

Details

The RGB color **206, 190, 105** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **105, 121, 206**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 246, 158**, and **150, 137, 55** is the 20% darker color. If you saturate the color by 10%, you get **206, 187, 84**, and if you desaturate by 10%, it is **206, 193, 126**.

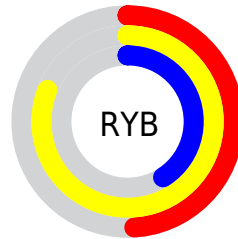
Distribution



Red (81%)

Green (75%)

Blue (41%)



Red (49%)

Yellow (81%)

Blue (41%)

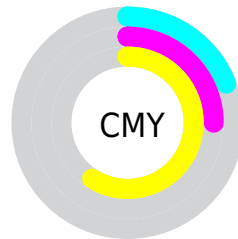


Cyan (0%)

Magenta (8%)

Yellow (49%)

Black (19%)



Cyan (19%)

Magenta (25%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 190, 105 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 206, 190, 105 by changing the saturation by 10% instead.

 206, 190, 105

 206, 190, 105

255, 255, 255

 178, 163, 80

 255, 246, 158

 150, 137, 55


 255, 255, 185

 122, 112, 29

 255, 255, 214

 96, 87, 0

 255, 255, 242


 71, 64, 0

 45, 43, 0

 20, 23, 0

 0, 0, 0

 206, 190, 105

 206, 190, 105

 206, 187, 84


 206, 193, 126

 206, 183, 64

 206, 197, 146

 206, 180, 43

 206, 200, 167

 206, 177, 23

 206, 203, 187

 206, 174, 2

 206, 206, 208

 206, 173, 0

 206, 210, 229

 206, 213, 249

 206, 216, 255

 206, 219, 255

Harmonies

Analogous

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



242, 176, 113



206, 190, 105



161, 201, 121

Triad

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



206, 190, 105



0, 209, 238



249, 161, 222

Complementary

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



206, 190, 105



105, 121, 206

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.



207, 175, 255



206, 190, 105



54, 202, 255

Square

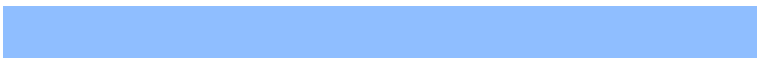
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206, 190, 105



24, 211, 198



143, 190, 255



255, 156, 181

Rectangle

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



206, 190, 105



127, 207, 143



143, 190, 255



238, 165, 235

Sweetspot

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



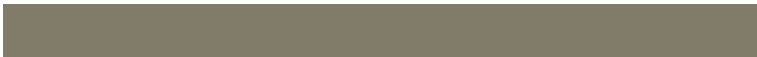
206, 190, 105



255, 249, 217



206, 105, 122



128, 124, 105



0, 0, 0



128, 128, 128

Same Dimension

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



206, 190, 105



255, 231, 105



172, 206, 105



102, 100, 92



166, 139, 0



38, 32, 0

Inverse Universe

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



105, 121, 206



105, 128, 255



139, 105, 206



92, 93, 102



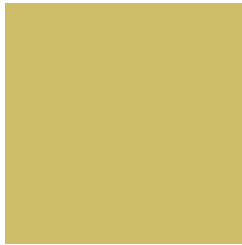
0, 26, 166



0, 6, 38

Previews

White Background



This preview shows how the RGB color 206, 190, 105 looks on a white background.

Color Contrast Check

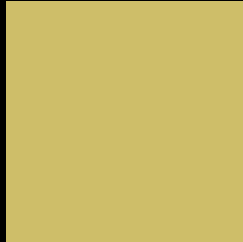
Large Text (above 18pt) WCAG AA × Fail

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 206, 190, 105 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 206, 190, 105 Background



This preview shows how black text looks on a background with the RGB color 206, 190, 105.



This preview shows how white text looks on a background with the RGB color 206, 190, 105.

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
206, 190, 105

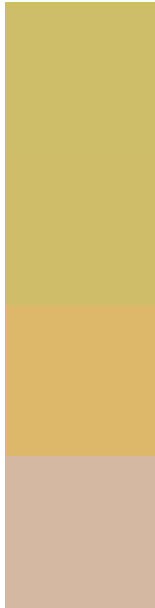
Protanopia
208, 189, 105

Deuteranopia
231, 180, 107



Tritanopia
215, 180, 194

Trichromacy



Original Color

206, 190, 105

Protanomaly

207, 189, 105

Deuteranomaly

222, 184, 106

Tritanomaly

212, 184, 162

Monochromacy



Original Color

206, 190, 105

Achromatopsia

185, 185, 185

Achromatomaly

193, 187, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 190, 105 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(206, 190, 105)` looks like.

```
.text, #text, p{  
    color:rgb(206, 190, 105)  
}
```

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(206, 190, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 190, 105) }
```

Border

The CSS property to change the border of an element to RGB 206, 190, 105 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(206, 190, 105) }
```

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

```
.border{ border-color:rgb(206, 190, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 190, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 190, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 190, 105);  
box-shadow:4px 4px 4px 4px rgb(206, 190,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 206, 190, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 190, 105) }
```

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

```
.background{ background-color: rgb(206,  
190, 105) }
```

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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