

Converting Colors

RGB(205, 187, 105)

Have a look what the booklet for
RGB(205, 187, 105) contains.

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Color

RGB(205, 187, 105)

Conversions

Conversions Part 1

Format	Color
Hex	CDBB69
RGB	205, 187, 105
RGB Percent	80%, 73%, 41%
CMY	0.1961, 0.2667, 0.5882
CMYK	0.00, 0.09, 0.49, 0.20
HSL	49°, 50%, 61%
HSV	49°, 49%, 80%
XYZ	45.4970, 49.5397, 20.5288
YIQ	183.0340, 37.0500, -21.6860

Conversions

Conversions Part 2

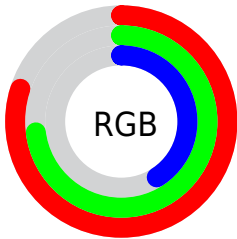
Format	Color
R _{YB}	127, 205, 105
Decimal	13482857
CIE Lab	75.79, -4.50, 43.57
CIE LCh	76, 43.801, 95.899
Yxy	49.5397, 0.3937, 0.4287
Android (android.graphics.Color)	4291672937 (0xFFCDBB69)
YUV	183.0340, -38.4708, 19.2642
Hunter-Lab	70.3844, -7.7892, 31.9762

Details

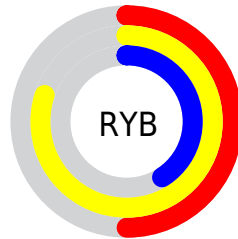
The RGB color **205, 187, 105** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **105, 123, 205**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 243, 158**, and **149, 134, 55** is the 20% darker color. If you saturate the color by 10%, you get **205, 183, 84**, and if you desaturate by 10%, it is **205, 191, 125**.

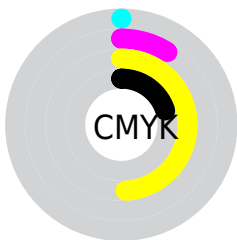
Distribution



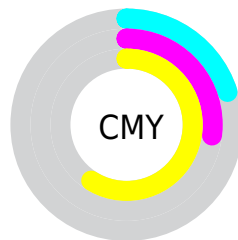
- Red (80%)
- Green (73%)
- Blue (41%)



- Red (50%)
- Yellow (80%)
- Blue (41%)



- Cyan (0%)
- Magenta (9%)
- Yellow (49%)
- Black (20%)



- Cyan (20%)
- Magenta (27%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 187, 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 205, 187, 105 by changing the saturation by 10% instead.

 205, 187, 105

 205, 187, 105


255, 255, 255

 177, 160, 80

 255, 243, 158

 149, 134, 55

 255, 255, 185

 122, 109, 30

 255, 255, 213

 95, 85, 0

 255, 255, 242


 70, 62, 0


 44, 40, 0

 19, 20, 0


 0, 0, 0

 205, 187, 105


 205, 187, 105

 205, 183, 84


 205, 191, 125

 205, 180, 64

 205, 194, 146

 205, 176, 43

 205, 198, 167

 205, 172, 23

 205, 202, 187

 205, 169, 3

 205, 205, 208

 205, 168, 0

 205, 209, 228

 205, 213, 249

 205, 217, 255

 205, 220, 255

Harmonies

Analogous

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



240, 173, 114



205, 187, 105



162, 198, 120

Triad

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



205, 187, 105



0, 206, 233



244, 160, 221

Complementary

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



205, 187, 105



105, 123, 205

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.



202, 173, 252



205, 187, 105



55, 200, 255

Square

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



205, 187, 105



40, 208, 194



139, 188, 255



255, 155, 180

Rectangle

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



205, 187, 105



129, 204, 140



139, 188, 255



232, 164, 233

Sweetspot

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



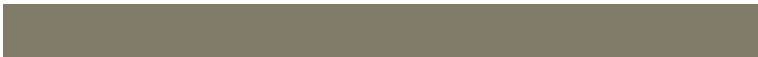
205, 187, 105



255, 248, 217



205, 105, 123



128, 123, 105



0, 0, 0



128, 128, 128

Same Dimension

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



205, 187, 105



255, 228, 105



173, 205, 105



102, 100, 92



166, 136, 0



38, 31, 0

Inverse Universe

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



105, 123, 205



105, 132, 255



137, 105, 205



92, 94, 102



0, 30, 166



0, 7, 38

Previews

White Background



This preview shows how the RGB color 205, 187, 105 looks on a white background.

Color Contrast Check

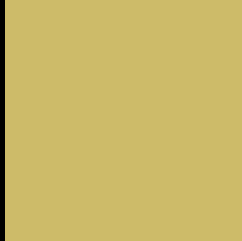
Large Text (above 18pt) WCAG AA × Fail

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 205, 187, 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 205, 187, 105 Background



This preview shows how black text looks on a background with the RGB color 205, 187, 105.



This preview shows how white text looks on a background with the RGB color 205, 187, 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
205, 187, 105

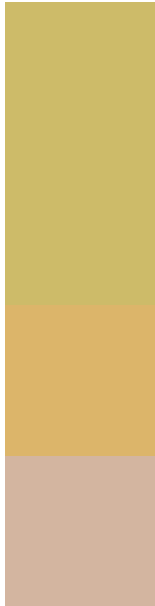
Protanopia
205, 187, 105

Deuteranopia
228, 178, 107



Tritanopia
214, 177, 191

Trichromacy



Original Color
205, 187, 105

Protanomaly
205, 187, 105

Deuteranomaly
220, 181, 106

Tritanomaly
211, 181, 160

Monochromacy



Original Color
205, 187, 105

Achromatopsia
183, 183, 183

Achromatomaly
191, 184, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 187, 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(205, 187, 105)` looks like.

```
.text, #text, p{  
    color:rgb(205, 187, 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(205, 187, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 187, 105) }
```

Border

The CSS property to change the border of an element to RGB 205, 187, 105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

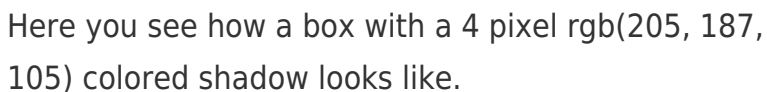
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 187, 105) }
```

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

```
.border{ border-color:rgb(205, 187, 105) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 187, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 187, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 187, 105); box-shadow:4px 4px 4px 4px rgb(205, 187, 105) }
```

Background

The CSS property to change the background color of an element to RGB 205, 187, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 187, 105) }
```

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

```
.background{ background-color: rgb(205,  
187, 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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