

Converting Colors

Hex(CCB55D)

Have a look what the booklet for
Hex(CCB55D) contains.

Hex(CCB55D)	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

Hex(CCB55D)

Conversions

Conversions Part 1	
Format	Color
Hex	CCB55D
RGB	204, 181, 93
RGB Percent	80%, 71%, 36%
CMY	0.2000, 0.2902, 0.6353
CMYK	0.00, 0.11, 0.54, 0.20
HSL	48°, 52%, 58%
HSV	48°, 54%, 80%
XYZ	43.4015, 46.6754, 17.0777
YIQ	177.8450, 41.9560, -22.4920

Conversions

Conversions Part 2

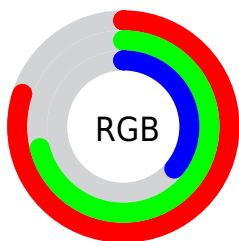
Format	Color
RYB	122, 204, 93
Decimal	13415773
CIELab	73.98, -2.82, 47.28
CIELCh	74, 47.367, 93.418
Yxy	46.6754, 0.4050, 0.4356
Android (android.graphics.Color)	4291605853 (0xFFCCB55D)
YUV	177.8450, -41.8286, 22.9379
Hunter-Lab	68.3194, -6.1627, 33.0030

Details

The Hex color **CCB55D** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5D74CC**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFED92**, and **93802A** is the 20% darker color. If you saturate the color by 10%, you get **CCB149**, and if you desaturate by 10%, it is **CCB971**.

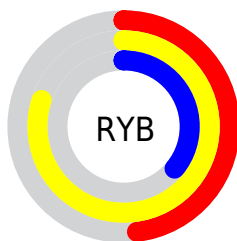
Distribution



Red (80%)

Green (71%)

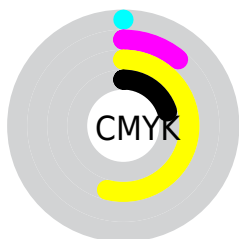
Blue (36%)



Red (48%)

Yellow (80%)

Blue (36%)

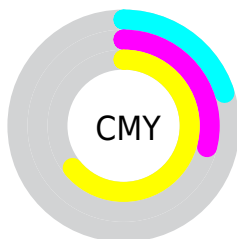


Cyan (0%)

Magenta (11%)

Yellow (54%)

Black (20%)



Cyan (20%)

Magenta (29%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCB55D 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 Hex color CCB55D by changing the saturation by 10% instead.

 CCB55D

FFFFFF

 FFED92

 FFFFAD

 FFFFC9

 FFFFE5

 CCB55D

 AF9A44

 93802A

 78680E

 5D5000

 443900

 2A2400

 0E0F00

 000000

 CCB55D

 CCB55D

 CCB149

 CCB971

 CCAD34

 CCBD86

 CCA820

 CCC29A

 CCA40B

 CCC6AF

 CCA200

 CCCAC3

 CCCED7

 CCD3EC

 CCD7FF

 CCDBFF

Harmonies

Analogous

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



F0A669



CCB55D



9EC16B

Triad

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



CCB55D



00CBE4



F099DE

Complementary

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



CCB55D



5D74CC

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.



C0A9FF



CCB55D



00C5FF

Square

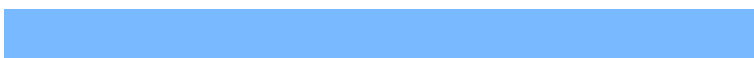
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CCB55D



00CCBA



78B9FF



FF92B3

Rectangle

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



CCB55D



7BC780



78B9FF



E39EEA

Sweetspot

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



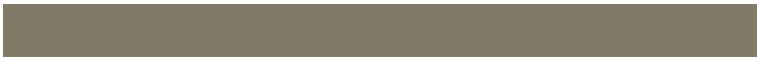
CCB55D



FFF7D6



CC5D75



807A67



000000



808080

Same Dimension

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



CCB55D



FFDD59



ADCC5D



66645C



A68300



261E00

Inverse Universe

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



5D74CC



597CFF



7C5DCC



5C5E66



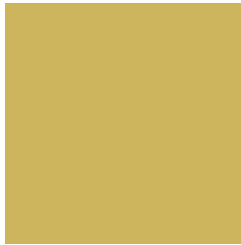
0022A6



000826

Previews

White Background



This preview shows how the Hex color CCB55D looks on a white background.

Color Contrast Check

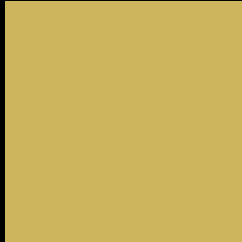
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color CCB55D 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](#).

Hex CCB55D Background



This preview shows how black text looks on a background with the Hex color CCB55D.

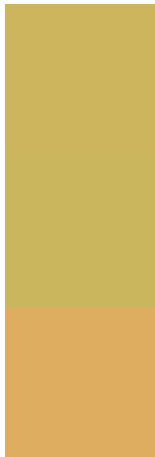


This preview shows how white text looks on a background with the Hex color CCB55D.

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
CCB55D

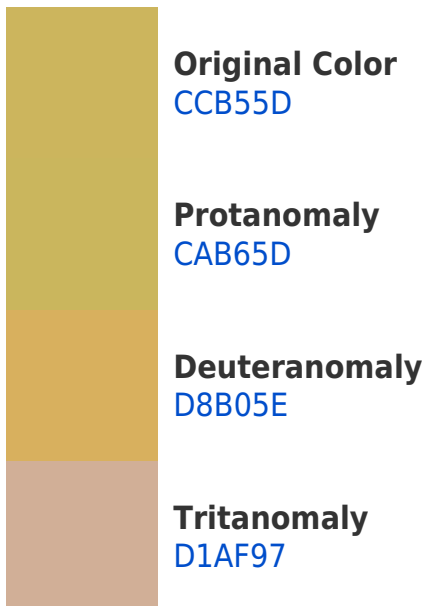
Protanopia
C9B65D

Deuteranopia
DFAD5F



Tritanopia
D4ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCB55D 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 #CCB55D looks like.

```
.text, #text, p{  
    color:#CCB55D  
}
```

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 #CCB55D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCB55D
}
```

Border

The CSS property to change the border of an element to Hex CCB55D 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
#CCB55D }
```

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

```
.border{ border-color:#CCB55D }
```

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

Here you see how a box with a 4 pixel #CCB55D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCB55D; -webkit-box-shadow:4px 4px  
4px 4px #CCB55D; box-shadow:4px 4px 4px  
4px #CCB55D }
```

Background

The CSS property to change the background color of an element to Hex CCB55D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCB55D }
```

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

```
.background{ background-color:#CCB55D }
```

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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