

# Converting Colors

Hex(CBB55E)

Have a look what the booklet for  
Hex(CBB55E) contains.

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# **Color**

**Hex(CBB55E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBB55E
RGB	203, 181, 94
RGB Percent	80%, 71%, 37%
CMY	0.2039, 0.2902, 0.6314
CMYK	0.00, 0.11, 0.54, 0.20
HSL	48°, 51%, 58%
HSV	48°, 54%, 80%
XYZ	43.1729, 46.5524, 17.2997
YIQ	177.6600, 41.0390, -22.3930

# Conversions

## Conversions Part 2

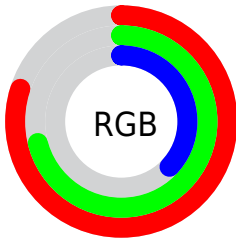
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 203, 94</a>
Decimal	<a href="#">13350238</a>
<a href="#">CIELab</a>	<a href="#">73.90, -3.16, 46.68</a>
<a href="#">CIELCh</a>	<a href="#">74, 46.788, 93.873</a>
<a href="#">Yxy</a>	<a href="#">46.5524, 0.4034, 0.4350</a>
Android (android.graphics.Color)	<a href="#">4291540318</a> ( <a href="#">0xFFCBB55E</a> )
<a href="#">YUV</a>	<a href="#">177.6600, -41.2444, 22.2232</a>
<a href="#">Hunter-Lab</a>	<a href="#">68.2293, -6.4535, 32.7274</a>

# Details

The Hex color **CBB55E** 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 **5E74CB**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFED93**, and **92802B** is the 20% darker color. If you saturate the color by 10%, you get **CBB14A**, and if you desaturate by 10%, it is **CBB972**.

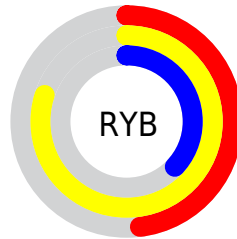
# Distribution



Red (80%)

Green (71%)

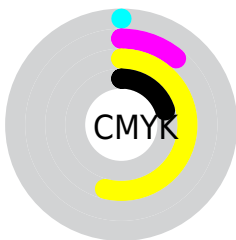
Blue (37%)



Red (48%)

Yellow (80%)

Blue (37%)

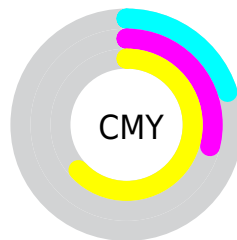


Cyan (0%)

Magenta (11%)

Yellow (54%)

Black (20%)



Cyan (20%)

Magenta (29%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBB55E 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 CBB55E by changing the saturation by 10% instead.



 CBB55E

 CBB55E

FFFFFF

 AE9A45

 FFED93

 92802B

 FFFFFE

 776810

 FFFFCA

 5C5000

 FFFFE6

 433900

 292400

 0D0F00

 000000

 CBB55E

 CBB55E

 CBB14A

 CBB972

 CBAD35

 CBBD87

 CBA921

 CBC19B

 CBA50D

 CBC5AF

 CBA200

 CBC9C4

 CBCED8

 CBD2EC

 CBD6FF

 CBDAFF

# Harmonies

## Analogous

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



EFA669



CBB55E



9EC16C

# Triad

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



CBB55E



00CBE4



F099DC

# Complementary

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



CBB55E



5E74CB

# 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.



C1A8FD



CBB55E



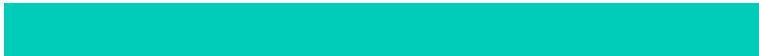
00C4FF

# Square

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



CBB55E



00CCBA



7BB8FF



FF93B2

# Rectangle

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



CBB55E



7BC781



7BB8FF



E39EE9



# Sweetspot

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



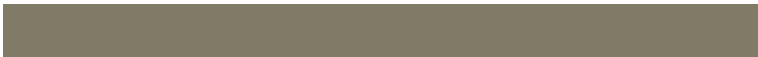
CBB55E



FFF7D6



CB5E76



807B67



000000



808080



# Same Dimension

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



CBB55E



FFDE5C



ACCB5E



66645C



A68400



261F00



# Inverse Universe

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



5E74CB



5C7DFF



7D5ECB



5C5E66



0021A6

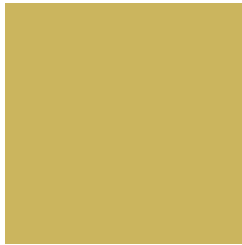


000826



# Previews

## White Background



This preview shows how the Hex color CBB55E looks on a white background.

## Color Contrast Check

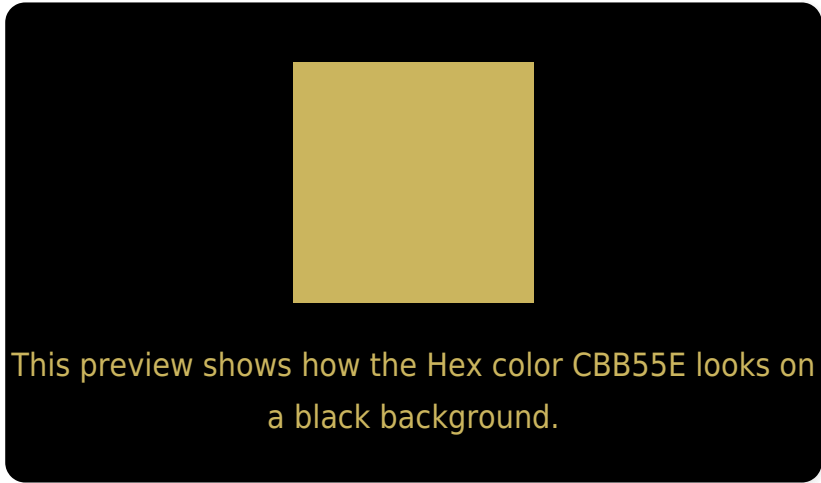
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 CBB55E Background



This preview shows how black text looks on a background with the Hex color CBB55E.



This preview shows how white text looks on a background with the Hex color CBB55E.

# 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](#).

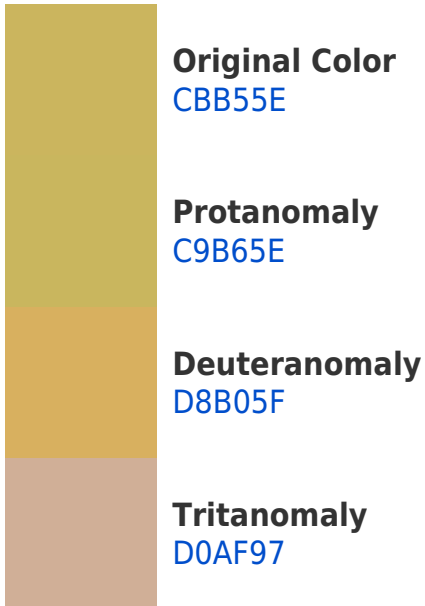
## Dichromacy





**Tritanopia**  
D3ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBB55E 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 #CBB55E looks like.

```
.text, #text, p{  
    color:#CBB55E  
}
```

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 #CBB55E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBB55E
}
```

## Border

The CSS property to change the border of an element to Hex CBB55E 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
#CBB55E }
```

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

```
.border{ border-color:#CBB55E }
```

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

Here you see how a box with a 4 pixel #CBB55E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBB55E; -webkit-box-shadow:4px 4px  
4px 4px #CBB55E; box-shadow:4px 4px 4px  
4px #CBB55E }
```

# Background

The CSS property to change the background color of an element to Hex CBB55E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBB55E }
```

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

```
.background{ background-color:#CBB55E }
```

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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