

# Converting Colors

Hex(CBBF45)

Have a look what the booklet for  
Hex(CBBF45) contains.

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# **Color**

**Hex(CBBF45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBBF45
RGB	203, 191, 69
RGB Percent	80%, 75%, 27%
CMY	0.2039, 0.2510, 0.7294
CMYK	0.00, 0.06, 0.66, 0.20
HSL	55°, 56%, 53%
HSV	55°, 66%, 80%
XYZ	44.3336, 50.3878, 13.0194
YIQ	180.6800, 46.3140, -35.3980

# Conversions

## Conversions Part 2

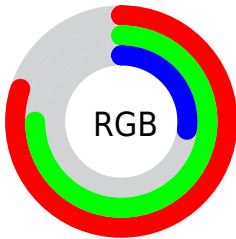
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 203, 69
Decimal	13352773
CIE Lab	76.31, -10.11, 60.62
CIE LCh	76, 61.455, 99.468
Yxy	50.3878, 0.4115, 0.4677
Android (android.graphics.Color)	4291542853 (0xFFCBBF45)
YUV	180.6800, -55.0582, 19.5746
Hunter-Lab	70.9844, -12.7397, 38.8145

# Details

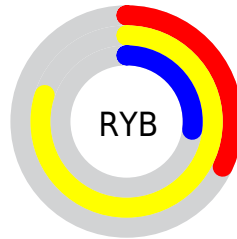
The Hex color **CBBF45** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **4551CB**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFF77B**, and **928A00** is the 20% darker color. If you saturate the color by 10%, you get **CBBD31**, and if you desaturate by 10%, it is **CBC159**.

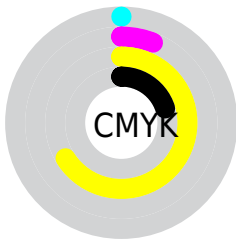
# Distribution



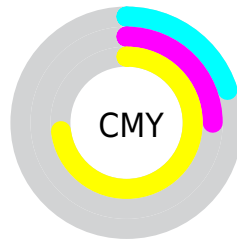
- Red (80%)
- Green (75%)
- Blue (27%)



- Red (32%)
- Yellow (80%)
- Blue (27%)



- Cyan (0%)
- Magenta (6%)
- Yellow (66%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBBF45 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 CBBF45 by changing the saturation by 10% instead.





CBBF45



CBBF45

FFFFFF



AEA429



FFF77B



928A00



FFF97



767100



FFFB2



5B5800



FFFCF



404100



FFFEC



272B00



091800



000000



CBBF45



CBBF45

 CBBD31

 CBC159

 CBBB1C

 CBC36E

 CBBA08

 CBC482

 CBB900

 CBC696

 CBC8AB

 CBCABF

 CBCCD3

 CBCEE7

 CBCFFC

# Harmonies

## Analogous

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



FCAB50



CBBF45



8ECD60

# Triad

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



CBBF45



00D6FF



FF91E5

# Complementary

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



CBBF45



4551CB

# 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.



D7A6FF



CBBF45



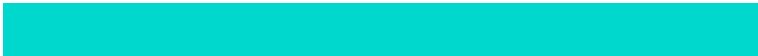
00CDFF

# Square

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



CBBF45



00D8CD



75BCFF



FF8AAC

# Rectangle

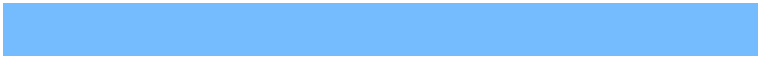
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CBBF45



57D380



75BCFF



FF97F7

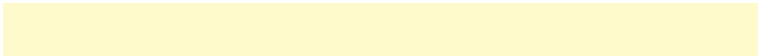


# Sweetspot

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



CBBF45



FFFACC



CB4552



807D61



000000



808080



# Same Dimension

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



CBBF45



FFED36



95CB45



66655C



A69700



262300



# Inverse Universe

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



4551CB



3648FF



7B45CB



5C5D66



000FA6



000326



# Previews

## White Background



This preview shows how the Hex color CBBF45 looks on a white background.

## Color Contrast Check

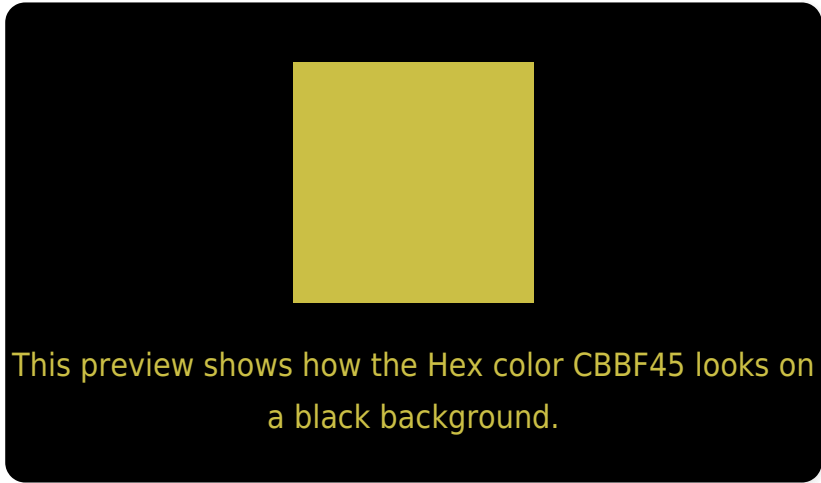
Large Text (above 18pt) WCAG AA × Fail

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 CBBF45 Background



This preview shows how black text looks on a background with the Hex color CBBF45.

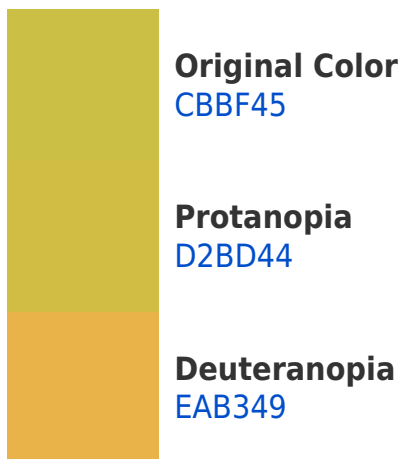


This preview shows how white text looks on a background with the Hex color CBBF45.

# 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**  
D6B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBBF45 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 #CBBF45 looks like.

```
.text, #text, p{  
    color:#CBBF45  
}
```

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 #CBBF45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBBF45
}
```

## Border

The CSS property to change the border of an element to Hex CBBF45 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
#CBBF45 }
```

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

```
.border{ border-color:#CBBF45 }
```

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

Here you see how a box with a 4 pixel #CBBF45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBBF45; -webkit-box-shadow:4px 4px  
4px 4px #CBBF45; box-shadow:4px 4px 4px  
4px #CBBF45 }
```

# Background

The CSS property to change the background color of an element to Hex CBBF45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBBF45 }
```

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

```
.background{ background-color:#CBBF45 }
```

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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