

Converting Colors

Hex(CEBC55)

Have a look what the booklet for
Hex(CEBC55) contains.

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Color

Hex(CEBC55)

Conversions

Conversions Part 1

Format	Color
Hex	CEBC55
RGB	206, 188, 85
RGB Percent	81%, 74%, 33%
CMY	0.1922, 0.2627, 0.6667
CMYK	0.00, 0.09, 0.59, 0.19
HSL	51°, 55%, 57%
HSV	51°, 59%, 81%
XYZ	45.0765, 49.7441, 15.8201
YIQ	181.6400, 43.7910, -28.2170

Conversions

Conversions Part 2

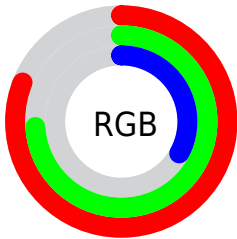
Format	Color
RYB	106, 206, 85
Decimal	13548629
CIELab	75.91, -6.25, 53.33
CIELCh	76, 53.691, 96.689
Yxy	49.7441, 0.4074, 0.4496
Android (android.graphics.Color)	4291738709 (0xFFCEBC55)
YUV	181.6400, -47.6435, 21.3637
Hunter-Lab	70.5295, -9.3445, 36.0716

Details

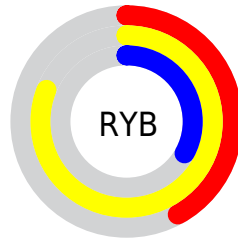
The Hex color **CEBC55** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5567CE**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFF48A**, and **95871F** is the 20% darker color. If you saturate the color by 10%, you get **CEB940**, and if you desaturate by 10%, it is **CEBF6A**.

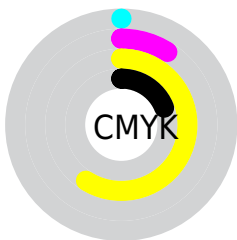
Distribution



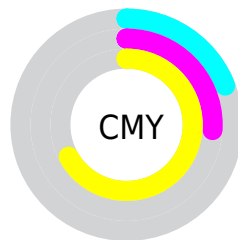
- Red (81%)
- Green (74%)
- Blue (33%)



- Red (42%)
- Yellow (81%)
- Blue (33%)



- Cyan (0%)
- Magenta (9%)
- Yellow (59%)
- Black (19%)



- Cyan (19%)
- Magenta (26%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEBC55 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 CEBC55 by changing the saturation by 10% instead.

 CEBC55

 CEBC55

FFFFFF

 B1A13B

 FFF48A

 95871F

 FFFFA5

 796E00

 FFFFC1

 5E5600

 FFFFDE

 443F00

 FFFFFB

 2B2900

 101500

 000000

 CEBC55

 CEBC55

 CEB940

 CEBF6A

 CEB62C

 CEC27E

 CEB317

 CEC593

 CEB003

 CEC8A7

 CEAF00

 CECBBC

 CECED1

 CED1E5

 CED5FA

 CED8FF

Harmonies

Analogous

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



F8AB60



CEBC55



99C969

Triad

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



CEBC55



00D2F5



FF98E3

Complementary

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



CEBC55



5567CE

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.



CEAAFF



CEBC55



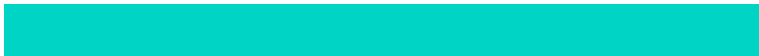
00CBFF

Square

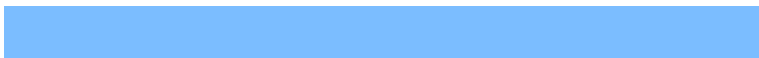
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CEBC55



00D4C5



7BBDFE



FF91B2

Rectangle

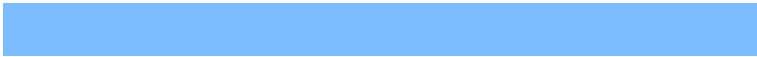
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CEBC55



6FCF83



7BBDFE



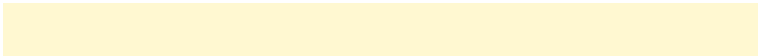
F39DF2

Sweetspot

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



CEBC55



FFF8D1



CE5567



807B63



000000



808080

Same Dimension

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



CEBC55



FFE44D



A4CE55



66645C



A68D00



262100

Inverse Universe

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



5567CE



4D67FF



7F55CE



5C5D66



0019A6



000626

Previews

White Background



This preview shows how the Hex color CEBC55 looks on a white background.

Color Contrast Check

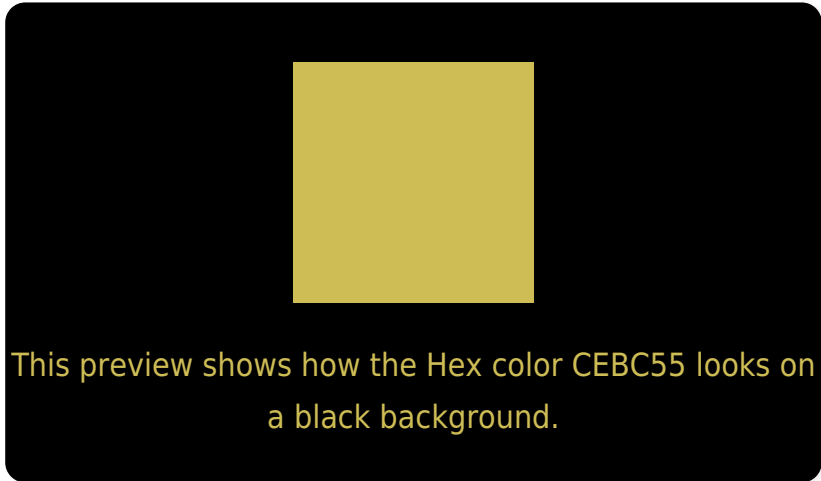
Large Text (above 18pt) WCAG AA × Fail

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 CEBC55 Background



This preview shows how black text looks on a background with the Hex color CEBC55.



This preview shows how white text looks on a background with the Hex color CEBC55.

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
D8B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEBC55 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 #CEBC55 looks like.

```
.text, #text, p{  
    color:#CEBC55  
}
```

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 #CEBC55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEBC55
}
```

Border

The CSS property to change the border of an element to Hex CEBC55 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
#CEBC55 }
```

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

```
.border{ border-color:#CEBC55 }
```

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

Here you see how a box with a 4 pixel #CEBC55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEBC55; -webkit-box-shadow:4px 4px  
4px 4px #CEBC55; box-shadow:4px 4px 4px  
4px #CEBC55 }
```

Background

The CSS property to change the background color of an element to Hex CEBC55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEBC55 }
```

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

```
.background{ background-color:#CEBC55 }
```

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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