

Converting Colors

Hex(CEB47A)

Have a look what the booklet for
Hex(CEB47A) contains.

Hex(CEB47A)	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(CEB47A)

Conversions

Conversions Part 1

Format	Color
Hex	CEB47A
RGB	206, 180, 122
RGB Percent	81%, 71%, 48%
CMY	0.1922, 0.2941, 0.5216
CMYK	0.00, 0.13, 0.41, 0.19
HSL	41°, 46%, 64%
HSV	41°, 41%, 81%
XYZ	45.2877, 47.1695, 25.1301
YIQ	181.1620, 34.1140, -12.5260

Conversions

Conversions Part 2

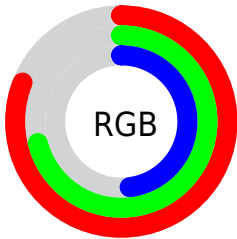
Format	Color
RYB	160, 206, 122
Decimal	13546618
CIELab	74.30, 1.31, 33.01
CIELCh	74, 33.032, 87.726
Yxy	47.1695, 0.3851, 0.4011
Android (android.graphics.Color)	4291736698 (0xFFCEB47A)
YUV	181.1620, -29.1669, 21.7829
Hunter-Lab	68.6800, -2.4869, 26.3818

Details

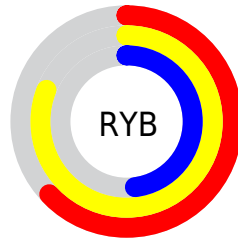
The Hex color **CEB47A** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7A94CE**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFECAAF**, and **967F48** is the 20% darker color. If you saturate the color by 10%, you get **CEAE65**, and if you desaturate by 10%, it is **CEBA8F**.

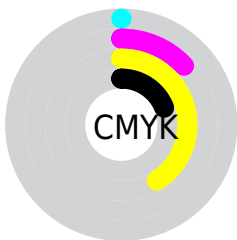
Distribution



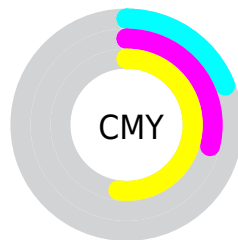
- Red (81%)
- Green (71%)
- Blue (48%)



- Red (63%)
- Yellow (81%)
- Blue (48%)



- Cyan (0%)
- Magenta (13%)
- Yellow (41%)
- Black (19%)



- Cyan (19%)
- Magenta (29%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEB47A 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 CEB47A by changing the saturation by 10% instead.

 CEB47A

 CEB47A

FFFFFF

 B29961

 FFECAF

 967F48

 FFFFCB

 7B6631

 FFFFE7

 614F1A

 483801

 302300

 170E00

 000000

 CEB47A

 CEB47A

 CEAE65

 CEBA8F

 CEA751

 CEC1A3

 CEA13C

 CEC7B8

 CE9A28

 CECECC

 CE9413

 CED4E1

 CE8E00

 CEDAF6

 CEE1FF

 CEE7FF

 CEEDFF

Harmonies

Analogous

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



E6AA84



CEB47A



AEBD80

Triad

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



CEB47A



52C7D2



DBA6D8

Complementary

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



CEB47A



7A94CE

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.



B8B0EC



CEB47A



61C2E9

Square

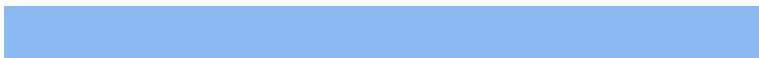
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CEB47A



68C7B3



8BBAF3



EFA0BA

Rectangle

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



CEB47A



97C28D



8BBAF3



D1A9E0

Sweetspot

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



CEB47A



FFF6E0



CE7A95



807A6E



000000



808080

Same Dimension

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



CEB47A



FFD882



BFCE7A



66635C



A67200



261A00

Inverse Universe

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



7A94CE



82A9FF



897ACE



5C5F66



0033A6



000C26

Previews

White Background



This preview shows how the Hex color CEB47A looks on a white background.

Color Contrast Check

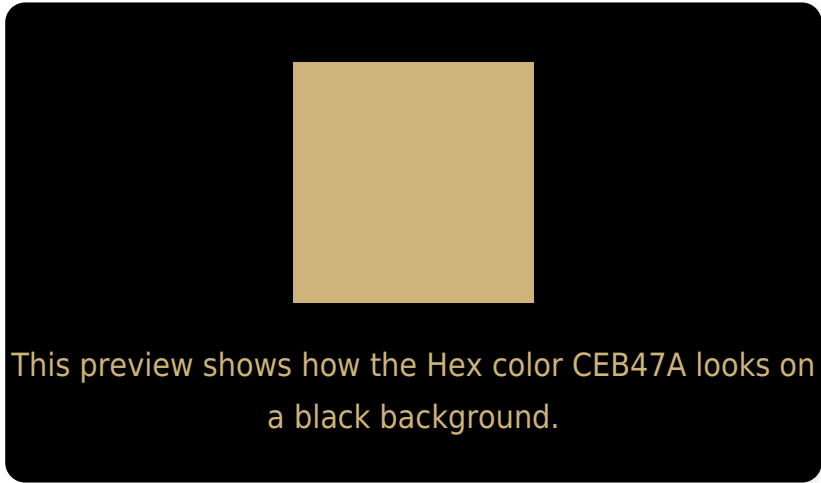
Large Text (above 18pt) WCAG AA × Fail

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 CEB47A Background



This preview shows how black text looks on a background with the Hex color CEB47A.

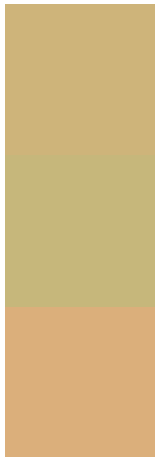


This preview shows how white text looks on a background with the Hex color CEB47A.

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
CEB47A

Protanopia
C6B77B

Deuteranopia
DBAF7B



Tritanopia
D5ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEB47A 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 #CEB47A looks like.

```
.text, #text, p{  
    color:#CEB47A  
}
```

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 #CEB47A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEB47A
}
```

Border

The CSS property to change the border of an element to Hex CEB47A 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
#CEB47A }
```

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

```
.border{ border-color:#CEB47A }
```

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

Here you see how a box with a 4 pixel #CEB47A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEB47A; -webkit-box-shadow:4px 4px  
4px 4px #CEB47A; box-shadow:4px 4px 4px  
4px #CEB47A }
```

Background

The CSS property to change the background color of an element to Hex CEB47A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEB47A }
```

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

```
.background{ background-color:#CEB47A }
```

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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