

Converting Colors

Hex(CEC864)

Have a look what the booklet for
Hex(CEC864) contains.

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Color

Hex(CEC864)

Conversions

Conversions Part 1

Format	Color
Hex	CEC864
RGB	206, 200, 100
RGB Percent	81%, 78%, 39%
CMY	0.1922, 0.2157, 0.6078
CMYK	0.00, 0.03, 0.51, 0.19
HSL	57°, 52%, 60%
HSV	57°, 51%, 81%
XYZ	48.4081, 55.3505, 20.1889
YIQ	190.3940, 35.6760, -29.8280

Conversions

Conversions Part 2

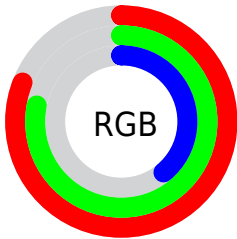
Format	Color
RYB	106, 206, 100
Decimal	13551716
CIELab	79.24, -11.23, 50.17
CIELCh	79, 51.407, 102.620
Yxy	55.3505, 0.3906, 0.4466
Android (android.graphics.Color)	4291741796 (0xFFCEC864)
YUV	190.3940, -44.5642, 13.6865
Hunter-Lab	74.3979, -14.0526, 35.9893

Details

The Hex color **CEC864** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **646ACE**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFF99**, and **959230** is the 20% darker color. If you saturate the color by 10%, you get **CEC74F**, and if you desaturate by 10%, it is **CEC979**.

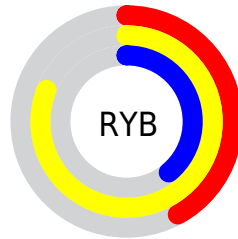
Distribution



Red (81%)

Green (78%)

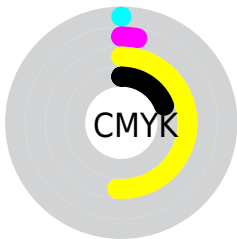
Blue (39%)



Red (42%)

Yellow (81%)

Blue (39%)

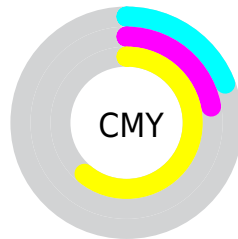


Cyan (0%)

Magenta (3%)

Yellow (51%)

Black (19%)



Cyan (19%)

Magenta (22%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEC864 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 CEC864 by changing the saturation by 10% instead.

 CEC864

 CEC864

FFFFFF

 B1AD4A

 FFFF99

 959230

 FFFFB5

 7A7914

 FFFFD1

 5F6000

 FFFFEE

 464800

 2C3200

 141D00

 000000

 CEC864

 CEC864

 CEC74F

 CEC979

 CEC63B

 CECA8D

 CEC526

 CECBA2

 CEC312

 CECDB6

 CEC200

 CECECB

 CECFEO

 CED0F4

 CED1FF

 CED2FF

Harmonies

Analogous

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



F9B868



CEC864



99D47C

Triad

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



CEC864



00DAFF



FFA1E2

Complementary

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



CEC864



646ACE

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.



E3B0FF



CEC864



1CD1FF

Square

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



CEC864



00DDD8



9BC2FF



FF9DB2

Rectangle

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



CEC864



6FD997



9BC2FF



FFA5F1

Sweetspot

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



CEC864



FFFDD9



CE646B



807E69



000000



808080

Same Dimension

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



CEC864



FFF661



A0CE64



66655C



A69C00



262400

Inverse Universe

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



646ACE



616AFF



9264CE



5C5C66



0009A6



000226

Previews

White Background



This preview shows how the Hex color CEC864 looks on a white background.

Color Contrast Check

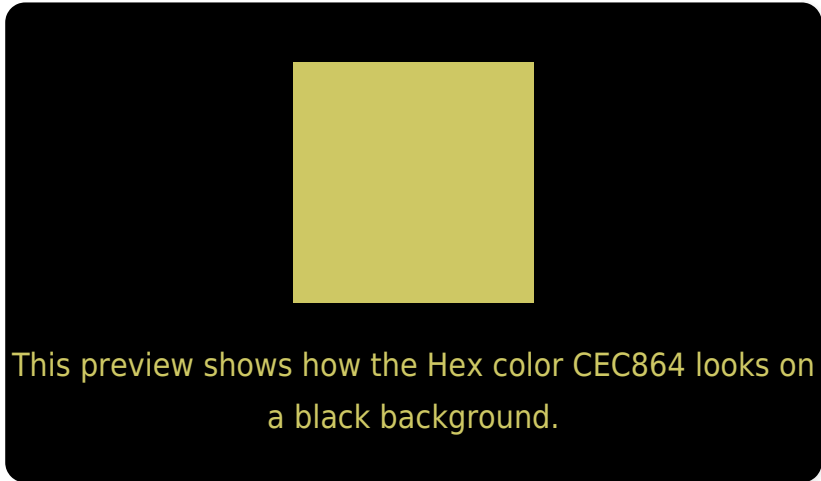
Large Text (above 18pt) WCAG AA × Fail

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 CEC864 Background



This preview shows how black text looks on a background with the Hex color CEC864.

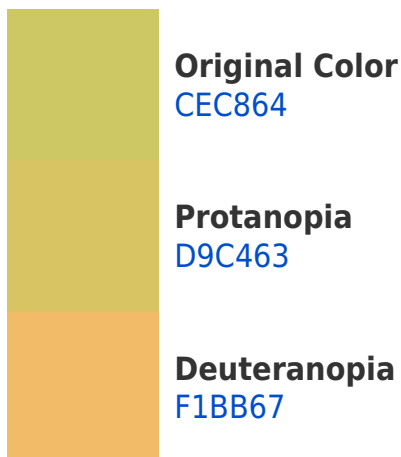


This preview shows how white text looks on a background with the Hex color CEC864.

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



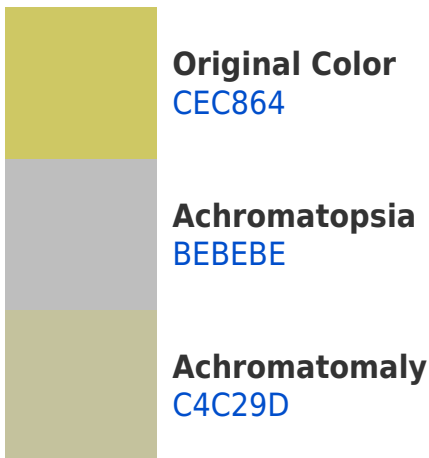


Tritanopia
D8BDCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEC864 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 #CEC864 looks like.

```
.text, #text, p{  
    color:#CEC864  
}
```

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 #CEC864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC864
}
```

Border

The CSS property to change the border of an element to Hex CEC864 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
#CEC864 }
```

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

```
.border{ border-color:#CEC864 }
```

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

Here you see how a box with a 4 pixel #CEC864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC864; -webkit-box-shadow:4px 4px  
4px 4px #CEC864; box-shadow:4px 4px 4px  
4px #CEC864 }
```

Background

The CSS property to change the background color of an element to Hex CEC864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC864 }
```

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

```
.background{ background-color:#CEC864 }
```

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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