

Converting Colors

Hex(CEC944)

Have a look what the booklet for
Hex(CEC944) contains.

Hex(CEC944)	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(CEC944)

Conversions

Conversions Part 1

Format	Color
Hex	CEC944
RGB	206, 201, 68
RGB Percent	81%, 79%, 27%
CMY	0.1922, 0.2118, 0.7333
CMYK	0.00, 0.02, 0.67, 0.19
HSL	58°, 58%, 54%
HSV	58°, 67%, 81%
XYZ	47.3836, 55.3125, 13.6478
YIQ	187.3330, 45.6730, -40.3030

Conversions

Conversions Part 2

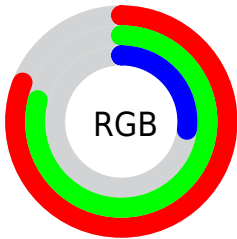
Format	Color
RYB	73, 206, 68
Decimal	13551940
CIELab	79.22, -13.97, 64.08
CIELCh	79, 65.588, 102.302
Yxy	55.3125, 0.4073, 0.4754
Android (android.graphics.Color)	4291742020 (0xFFCEC944)
YUV	187.3330, -58.8312, 16.3710
Hunter-Lab	74.3723, -16.4268, 41.1805

Details

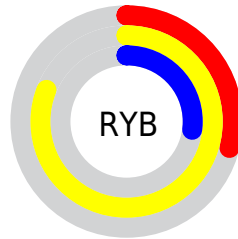
The Hex color **CEC944** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4449CE**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFF7B**, and **949300** is the 20% darker color. If you saturate the color by 10%, you get **CEC82F**, and if you desaturate by 10%, it is **CECA59**.

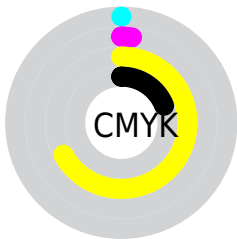
Distribution



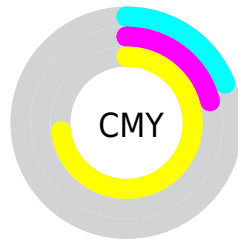
- Red (81%)
- Green (79%)
- Blue (27%)



- Red (29%)
- Yellow (81%)
- Blue (27%)



- Cyan (0%)
- Magenta (2%)
- Yellow (67%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEC944 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 CEC944 by changing the saturation by 10% instead.



CEC944



CEC944

FFFFFF



B1AE26



FFFF7B



949300



FFF97



787A00



FFFFB3



5D6100



FFFCE



424900



FFFED



283300



0F1E00



000000



CEC944



CEC944

 CEC82F

 CECA59

 CEC81B

 CECA6D

 CEC706

 CECB82

 CEC700

 CECC96

 CECDAB

 CECDC0

 CECED4

 CECFE9

 CED0FD

Harmonies

Analogous

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



FFB44C



CEC944



8AD865

Triad

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



CEC944



00DFFF



FF93EB

Complementary

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



CEC944



4449CE

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.



E9AAFF



CEC944



00D5FF

Square

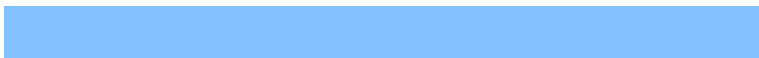
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CEC944



00E2DC



83C2FF



FF8EAD

Rectangle

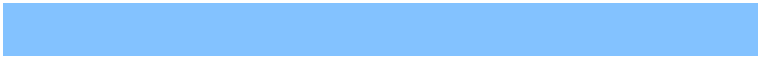
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CEC944



48DE89



83C2FF



FF9AFE

Sweetspot

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



CEC944



FFFDCC



CE444B



807E61



000000



808080

Same Dimension

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



CEC944



FFF833



90CE44



66665C



A6A000



262500

Inverse Universe

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



4449CE



333AFF



8244CE



5C5C66



0006A6



000126

Previews

White Background



This preview shows how the Hex color CEC944 looks on a white background.

Color Contrast Check

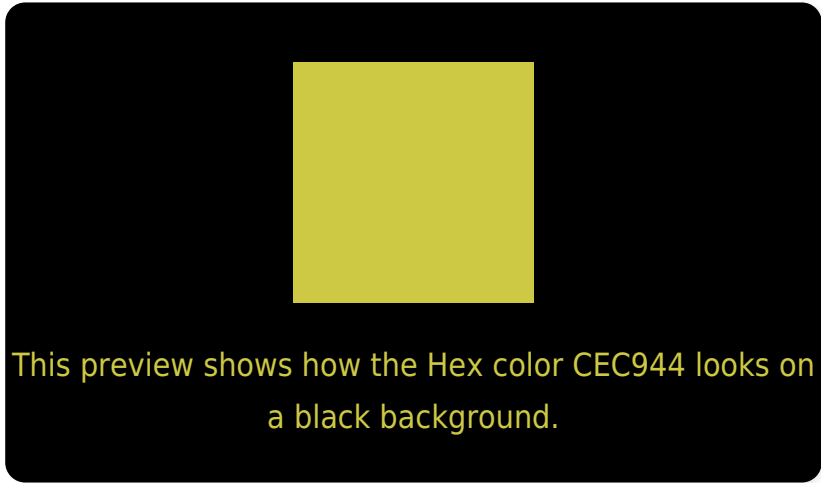
Large Text (above 18pt) WCAG AA × Fail

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 CEC944 Background



This preview shows how black text looks on a background with the Hex color CEC944.



This preview shows how white text looks on a background with the Hex color CEC944.

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
CEC944

Protanopia
DBC443

Deuteranopia
F5BA49

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEC944 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 #CEC944 looks like.

```
.text, #text, p{  
    color:#CEC944  
}
```

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 #CEC944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC944
}
```

Border

The CSS property to change the border of an element to Hex CEC944 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
#CEC944 }
```

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

```
.border{ border-color:#CEC944 }
```

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

Here you see how a box with a 4 pixel #CEC944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC944; -webkit-box-shadow:4px 4px  
4px 4px #CEC944; box-shadow:4px 4px 4px  
4px #CEC944 }
```

Background

The CSS property to change the background color of an element to Hex CEC944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC944 }
```

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

```
.background{ background-color:#CEC944 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor