

Converting Colors

Hex(CCE800)

Have a look what the booklet for
Hex(CCE800) contains.

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Color

Hex(CCE800)

Conversions

Conversions Part 1

Format	Color
Hex	CCE800
RGB	204, 232, 0
RGB Percent	80%, 91%, 0%
CMY	0.2000, 0.0902, 1.0000
CMYK	0.12, 0.00, 1.00, 0.09
HSL	67°, 100%, 45%
HSV	67°, 100%, 91%
XYZ	53.7585, 70.5506, 10.7843
YIQ	197.1800, 57.7840, -78.0880

Conversions

Conversions Part 2

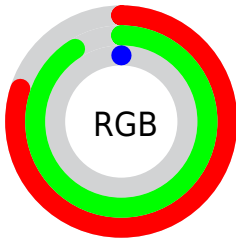
Format	Color
RYB	0, 232, 28
Decimal	13428736
CIELab	87.27, -31.62, 85.51
CIELCh	87, 91.167, 110.291
Yxy	70.5506, 0.3979, 0.5222
Android (android.graphics.Color)	4291618816 (0xFFCCE800)
YUV	197.1800, -97.2097, 5.9811
Hunter-Lab	83.9944, -32.7459, 51.1837

Details

The Hex color **CCE800** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed yellow. A complement of this color would be **1C00E8**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF5A**, and **91B000** is the 20% darker color. If you saturate the color by 10%, you get **CCE800**, and if you desaturate by 10%, it is **CFE817**.

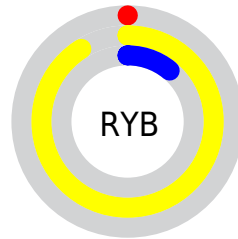
Distribution



Red (80%)

Green (91%)

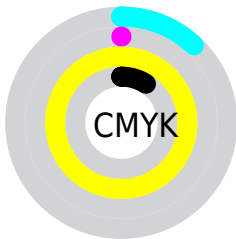
Blue (0%)



Red (0%)

Yellow (91%)

Blue (11%)

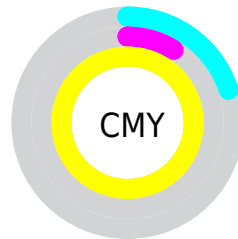


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (20%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCE800 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 CCE800 by changing the saturation by 10% instead.

 CCE800

 CCE800

FFFFFF

 AECC00

 FFFF5A

 91B000

 FFFF79

 749600

 FFFF96

 577C00

 FFFFB4

 3A6300

 FFFF D2

 1C4B00

 FFFFF0

 003400

 002100

 000000

 CCE800

 CFE817

 D2E82E

 D4E846

 D7E85D

 DAE874

 DDE88B

 E0E8A2

 E2E8BA

 E5E8D1

Harmonies

Analogous

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



FFCD00



CCE800



58F963

Triad

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



CCE800



00FDFD



FF85FB

Complementary

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



CCE800



1C00E8

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.



FFA8FF



CCE800



00EDFF

Square

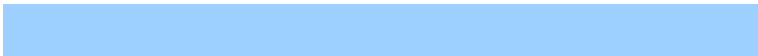
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CCE800



00FFFF



9ED0FF



FF87A4

Rectangle

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



CCE800



00FF9D



9ED0FF



FF8EFF

Sweetspot

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



CCE800



F6FFB3



E81B00



7A8052



000000



808080

Same Dimension

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



CCE800



E0FF00



59E800



717367



9DB300



2D3300

Inverse Universe

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



1C00E8



1F00FF



8F00E8



696773



1600B3



060033

Previews

White Background



This preview shows how the Hex color CCE800 looks on a white background.

Color Contrast Check

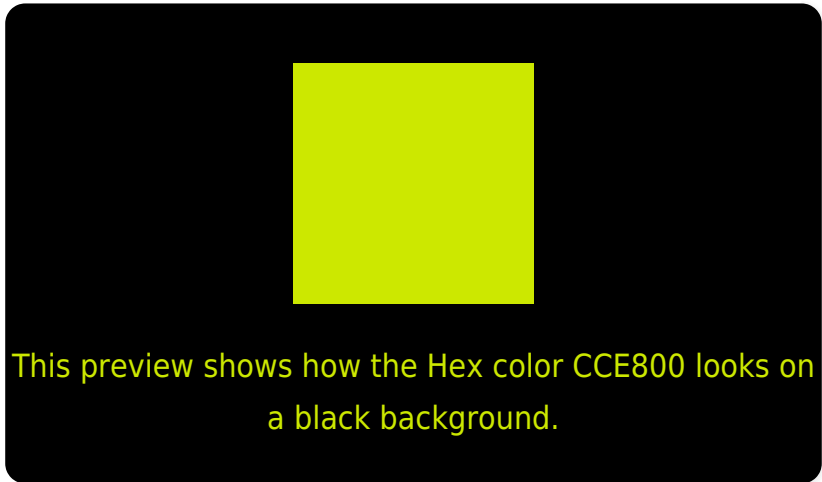
Large Text (above 18pt) WCAG AA × Fail

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 CCE800 Background



This preview shows how black text looks on a background with the Hex color CCE800.

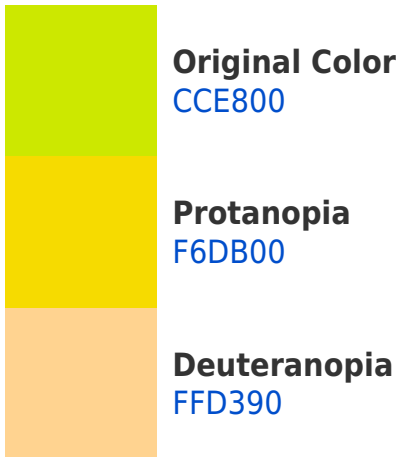


This preview shows how white text looks on a background with the Hex color CCE800.

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](#).

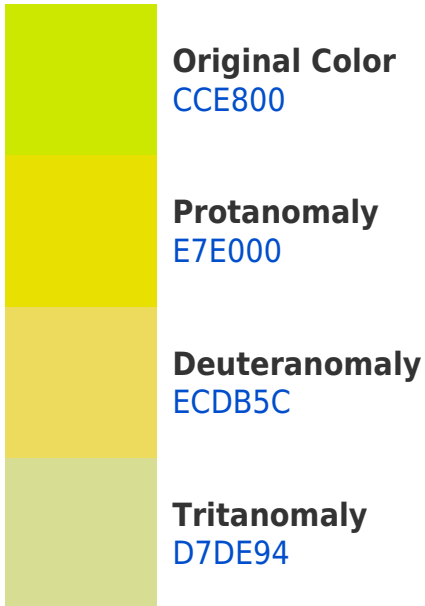
Dichromacy



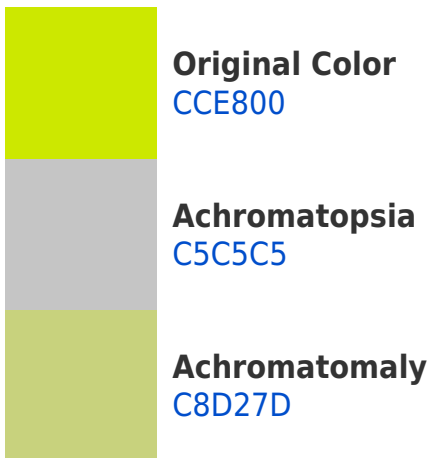


Tritanopia
DED8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCE800 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 #CCE800 looks like.

```
.text, #text, p{  
    color:#CCE800  
}
```

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 #CCE800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCE800
}
```

Border

The CSS property to change the border of an element to Hex CCE800 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
#CCE800 }
```

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

```
.border{ border-color:#CCE800 }
```

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

Here you see how a box with a 4 pixel #CCE800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCE800; -webkit-box-shadow:4px 4px  
4px 4px #CCE800; box-shadow:4px 4px 4px  
4px #CCE800 }
```

Background

The CSS property to change the background color of an element to Hex CCE800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCE800 }
```

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

```
.background{ background-color:#CCE800 }
```

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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