

# Converting Colors

Hex(CCE200)

Have a look what the booklet for  
Hex(CCE200) contains.

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# **Color**

**Hex(CCE200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCE200
RGB	204, 226, 0
RGB Percent	80%, 89%, 0%
CMY	0.2000, 0.1137, 1.0000
CMYK	0.10, 0.00, 1.00, 0.11
HSL	66°, 100%, 44%
HSV	66°, 100%, 89%
XYZ	52.0982, 67.2301, 10.2308
YIQ	193.6580, 59.4340, -74.9500

# Conversions

## Conversions Part 2

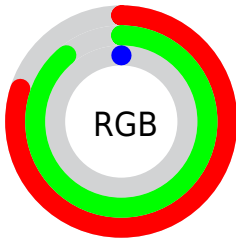
Format	Color
<a href="#">RYB</a>	<a href="#">0, 226, 22</a>
Decimal	<a href="#">13427200</a>
CIELab	<a href="#">85.62, -28.82, 84.28</a>
CIELCh	<a href="#">86, 89.074, 108.879</a>
Yxy	<a href="#">67.2301, 0.4021, 0.5189</a>
Android (android.graphics.Color)	<a href="#">4291617280 (0xFFCCE200)</a>
YUV	<a href="#">193.6580, -95.4734, 9.0699</a>
Hunter-Lab	<a href="#">81.9940, -30.0722, 49.9978</a>

# Details

The Hex color **CCE200** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **1600E2**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF59**, and **91AB00** is the 20% darker color. If you saturate the color by 10%, you get **CCE200**, and if you desaturate by 10%, it is **CEE217**.

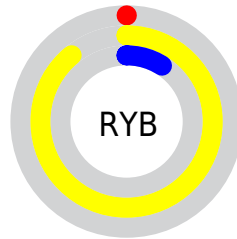
# Distribution



Red (80%)

Green (89%)

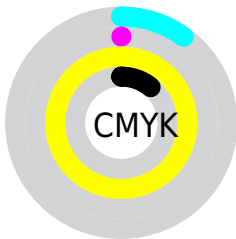
Blue (0%)



Red (0%)

Yellow (89%)

Blue (9%)

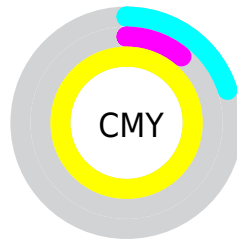


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (20%)

Magenta (11%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCE200 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 CCE200 by changing the saturation by 10% instead.



 CCE200

 CCE200

FFFFFF

 AEC600

 FFFF59

 91AB00

 FFFF77

 749000

 FFFF95

 587700


 FFFFB2

 3B5E00

 FFFF00

 1E4600

 FFFFEE

 002F00

 001C00

 000000

 CCE200

 CEE217

 D0E22D

 D3E244

 D5E25A

 D7E271

 D9E288

 DBE29E

 DEE2B5

 E0E2CB

# Harmonies

## Analogous

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



FFC701



CCE200



60F35E

# Triad

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



CCE200



00F8FF



FF85F9

# Complementary

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



CCE200



1600E2

# 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.



FFA6FF



CCE200



00E9FF

# Square

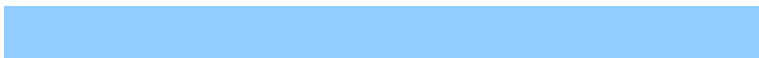
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CCE200



00DFF



92CDF



FF8A5

# Rectangle

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



CCE200



00F996



92CDFF



FF8EFF



# Sweetspot

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



CCE200



F8FFB3



E21300



7B8052



000000



808080



# Same Dimension

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



CCE200



E6FF00



5EE200



6F7065



9FB000



2C3000



# Inverse Universe

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



1600E2



1900FF



8400E2



666570



1100B0



050030



# Previews

## White Background



This preview shows how the Hex color CCE200 looks on a white background.

## Color Contrast Check

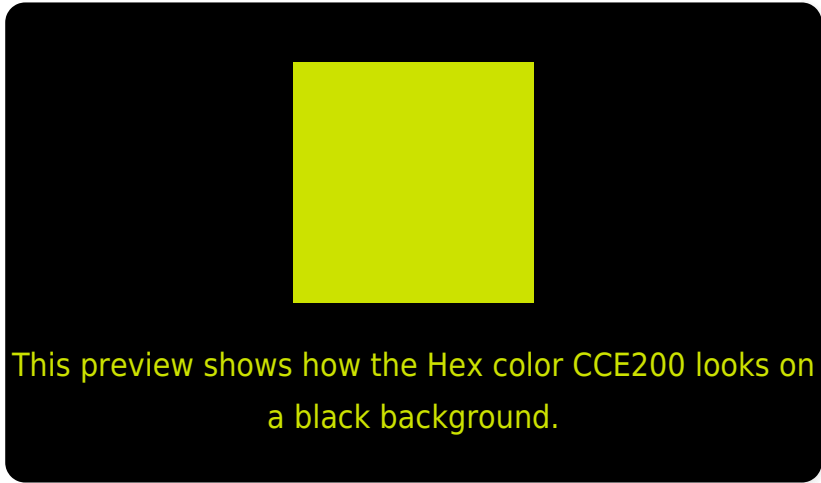
Large Text (above 18pt) WCAG AA × Fail

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 CCE200 Background



This preview shows how black text looks on a background with the Hex color CCE200.

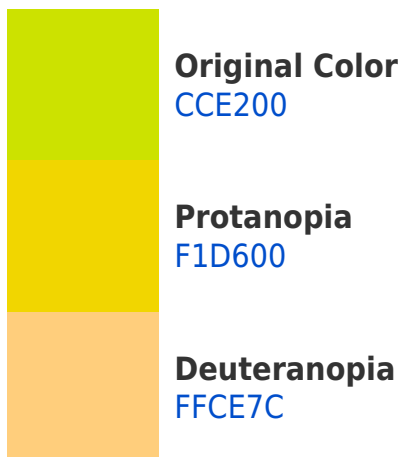


This preview shows how white text looks on a background with the Hex color CCE200.

# 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](#).

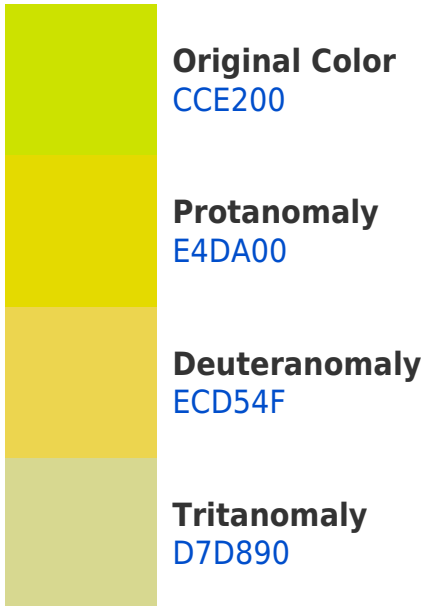
## Dichromacy



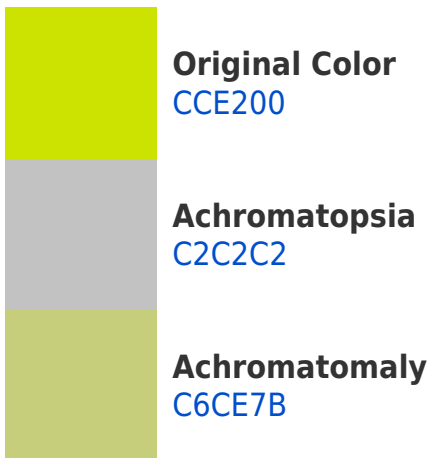


**Tritanopia**  
DDD2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCE200 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 #CCE200 looks like.

```
.text, #text, p{  
    color:#CCE200  
}
```

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 #CCE200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCE200
}
```

## Border

The CSS property to change the border of an element to Hex CCE200 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
#CCE200 }
```

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

```
.border{ border-color:#CCE200 }
```

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

Here you see how a box with a 4 pixel #CCE200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCE200; -webkit-box-shadow:4px 4px  
4px 4px #CCE200; box-shadow:4px 4px 4px  
4px #CCE200 }
```

# Background

The CSS property to change the background color of an element to Hex CCE200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCE200 }
```

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

```
.background{ background-color:#CCE200 }
```

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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