

# Converting Colors

Hex(CEE23D)

Have a look what the booklet for  
Hex(CEE23D) contains.

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# Color

Hex(CEE23D)

# Conversions

## Conversions Part 1

Format	Color
Hex	CEE23D
RGB	206, 226, 61
RGB Percent	81%, 89%, 24%
CMY	0.1922, 0.1137, 0.7608
CMYK	0.09, 0.00, 0.73, 0.11
HSL	67°, 74%, 56%
HSV	67°, 73%, 89%
XYZ	53.4923, 67.8514, 14.6922
YIQ	201.2100, 41.0450, -55.5550

# Conversions

## Conversions Part 2

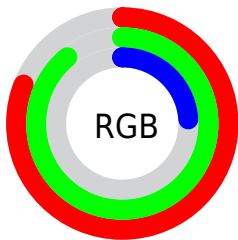
Format	Color
<a href="#">RYB</a>	<a href="#">61, 226, 81</a>
Decimal	<a href="#">13558333</a>
CIELab	<a href="#">85.93, -26.55, 73.16</a>
CIElCh	<a href="#">86, 77.831, 109.944</a>
Yxy	<a href="#">67.8514, 0.3932, 0.4988</a>
Android (android.graphics.Color)	<a href="#">4291748413 (0xFFCEE23D)</a>
YUV	<a href="#">201.2100, -69.1235, 4.2008</a>
Hunter-Lab	<a href="#">82.3720, -28.2333, 47.0852</a>

# Details

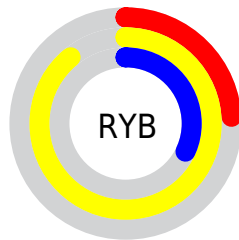
The Hex color **CEE23D** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **513DE2**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF78**, and **94AB00** is the 20% darker color. If you saturate the color by 10%, you get **CBE226**, and if you desaturate by 10%, it is **D1E254**.

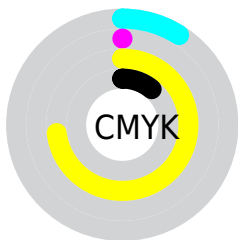
# Distribution



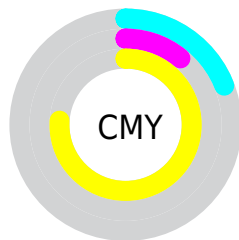
- Red (81%)
- Green (89%)
- Blue (24%)



- Red (24%)
- Yellow (89%)
- Blue (32%)



- Cyan (9%)
- Magenta (0%)
- Yellow (73%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEE23D 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 CEE23D by changing the saturation by 10% instead.



 CEE23D

 CEE23D

FFFFFF

 B1C618

 FFFF78

 94AB00

 FFFF94

 779000

 FFFFB1

 5C7700

 FFFFCE

 405E00

 FFFFEB

 244600

 063000

 001D00

 000000

 CEE23D

 CEE23D

 CBE226

 D1E254

 C9E210

 D3E26A

 C7E200

 D6E281

 D9E297

 DCE2AE

 DEE2C5

 E1E2DB

 E4E2F2

 E7E2FF

# Harmonies

## Analogous

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



FFCA39



CEE23D



73F173

# Triad

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



CEE23D



00F5FF



FF95F3

# Complementary

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



CEE23D



513DE2

# 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.



FFAEFF



CEE23D



00E6FF

# Square

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



CEE23D



00FAFF



AACEFF



FF95A9

# Rectangle

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



CEE23D



00F7A1



AACEFF



FF9BFF

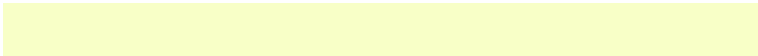


# Sweetspot

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



CEE23D



F8FFC7



E2503D



7B805E



000000



808080



# Same Dimension

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



CEE23D



E4FF1F



7CE23D



6F7065



9BB000



2B3000



# Inverse Universe

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



513DE2



3A1FFF



A33DE2



666570



1500B0



060030



# Previews

## White Background



This preview shows how the Hex color CEE23D 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



This preview shows how the Hex color CEE23D looks on a 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 CEE23D Background



This preview shows how black text looks on a background with the Hex color CEE23D.

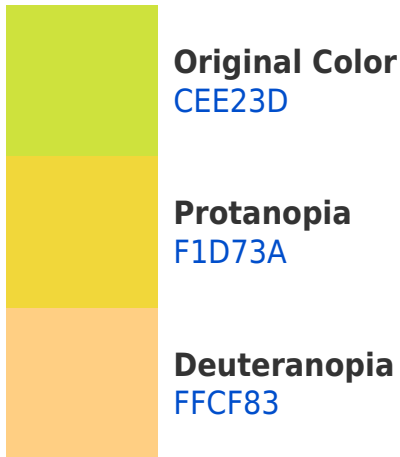


This preview shows how white text looks on a background with the Hex color CEE23D.

# 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](#).

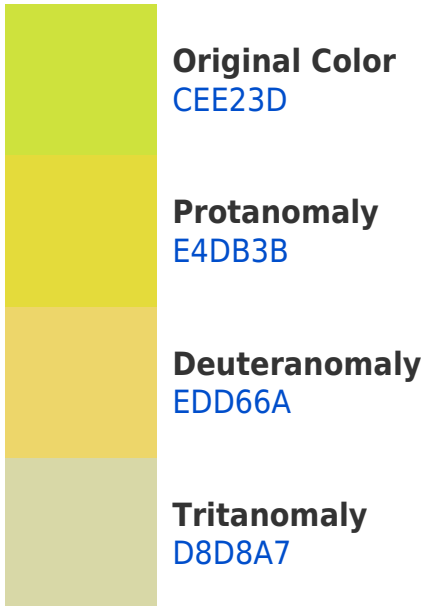
## Dichromacy



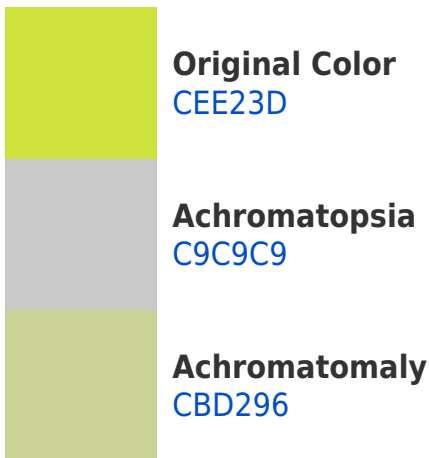


**Tritanopia**  
DED3E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEE23D 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 #CEE23D looks like.

```
.text, #text, p{  
    color:#CEE23D  
}
```

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 #CEE23D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEE23D
}
```

## Border

The CSS property to change the border of an element to Hex CEE23D 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
#CEE23D }
```

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

```
.border{ border-color:#CEE23D }
```

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

Here you see how a box with a 4 pixel #CEE23D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEE23D; -webkit-box-shadow:4px 4px  
4px 4px #CEE23D; box-shadow:4px 4px 4px  
4px #CEE23D }
```

# Background

The CSS property to change the background color of an element to Hex CEE23D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEE23D }
```

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

```
.background{ background-color:#CEE23D }
```

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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