

# Converting Colors

Hex(CEDB4B)

Have a look what the booklet for  
Hex(CEDB4B) contains.

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# Color

**Hex(CEDB4B)**

# Conversions

Conversions Part 1	
Format	Color
Hex	CEDB4B
RGB	206, 219, 75
RGB Percent	81%, 86%, 29%
CMY	0.1922, 0.1412, 0.7059
CMYK	0.06, 0.00, 0.66, 0.14
HSL	65°, 67%, 58%
HSV	65°, 66%, 86%
XYZ	52.0551, 64.2928, 16.3228
YIQ	198.6970, 38.4760, -47.5400

# Conversions

## Conversions Part 2

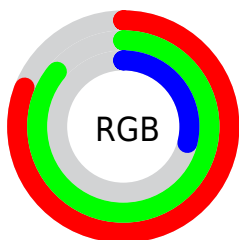
Format	Color
<a href="#">RYB</a>	<a href="#">75, 219, 88</a>
Decimal	<a href="#">13556555</a>
CIELab	<a href="#">84.12, -22.46, 66.37</a>
CIELCh	<a href="#">84, 70.070, 108.695</a>
Yxy	<a href="#">64.2928, 0.3924, 0.4846</a>
Android (android.graphics.Color)	<a href="#">4291746635</a> (0xFFCEDB4B)
YUV	<a href="#">198.6970, -60.9826, 6.4047</a>
Hunter-Lab	<a href="#">80.1828, -24.4368, 44.0583</a>

# Details

The Hex color **CEDB4B** 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 **584BDB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF83**, and **94A401** is the 20% darker color. If you saturate the color by 10%, you get **CCDB35**, and if you desaturate by 10%, it is **D0DB61**.

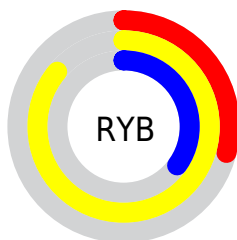
# Distribution



Red (81%)

Green (86%)

Blue (29%)



Red (29%)

Yellow (86%)

Blue (35%)

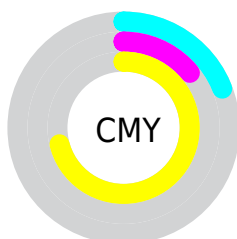


Cyan (6%)

Magenta (0%)

Yellow (66%)

Black (14%)



Cyan (19%)

Magenta (14%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEDB4B 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 CEDB4B by changing the saturation by 10% instead.



 CEDB4B

FFFFFF

 FFFF83

 FFFF9F

 FFFFBB

 FFFFD8

 FFFFF5

 CEDB4B

 B1BF2D

 94A401

 788A00

 5D7100

 425800

 274100

 0C2B00

 001700

 000000

 CEDB4B

 CEDB4B

 CCDB35

 D0DB61

 CADB1F

 D2DB77

 C8DB09

 D4DB8D

 C7DB00

 D6DBA3

 D8DBB8

 DADBCE

 DCDBE4

 DEDBFA

 E0DBFF

# Harmonies

## Analogous

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



FFC64A



CEDB4B



80E976

# Triad

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



CEDB4B



00EDFF



FF99EE

# Complementary

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



CEDB4B



584BDB

# 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.



FFAFFF



CEDB4B



00E0FF

# Square

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



CEDB4B



00F2FA



A8CAFF



FF98AB

# Rectangle

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



CEDB4B



12EF9F



A8CAFF



FF9FFF



# Sweetspot

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



CEDB4B



FAFFCC



DB574B



7D8061



000000



808080



# Same Dimension

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



CEDB4B



EDFF36



87DB4B



6D6E63



9EAD00



2A2E00



# Inverse Universe

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



584BDB



4836FF



9F4BDB



64636E



1000AD



04002E



# Previews

## White Background



This preview shows how the Hex color CEDB4B looks on a white background.

## Color Contrast Check

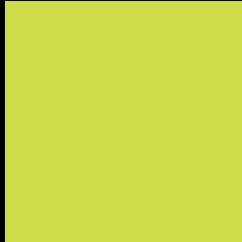
Large Text (above 18pt) WCAG AA × Fail

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 CEDB4B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

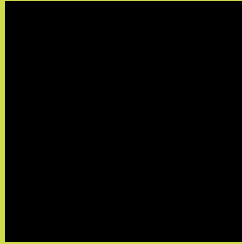
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEDB4B Background



This preview shows how black text looks on a background with the Hex color CEDB4B.



This preview shows how white text looks on a background with the Hex color CEDB4B.

# 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](#).

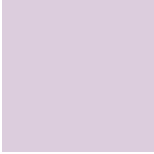
## Dichromacy



**Original Color**  
CEDB4B

**Protanopia**  
EAD249





**Deuteranopia**  
FFC86D



# Tritanopia

DCCDDD

# Trichromacy

	<b>Original Color</b> CEDB4B
	<b>Protanomaly</b> E0D54A
	<b>Deuteranomaly</b> EDCF61
	<b>Tritanomaly</b> D7D2A8

# Monochromacy

	<b>Original Color</b> CEDB4B
	<b>Achromatopsia</b> C7C7C7
	<b>Achromatomaly</b> CACE9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEDB4B 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 #CEDB4B looks like.

```
.text, #text, p{  
    color:#CEDB4B  
}
```

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 #CEDB4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEDB4B
}
```

## Border

The CSS property to change the border of an element to Hex CEDB4B 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
#CEDB4B }
```

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

```
.border{ border-color:#CEDB4B }
```

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

Here you see how a box with a 4 pixel #CEDB4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEDB4B; -webkit-box-shadow:4px 4px  
4px 4px #CEDB4B; box-shadow:4px 4px 4px  
4px #CEDB4B }
```

# Background

The CSS property to change the background color of an element to Hex CEDB4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEDB4B }
```

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

```
.background{ background-color:#CEDB4B }
```

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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