

Converting Colors

Hex(CEF56D)

Have a look what the booklet for
Hex(CEF56D) contains.

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Color

Hex(CEF56D)

Conversions

Conversions Part 1

Format	Color
Hex	CEF56D
RGB	206, 245, 109
RGB Percent	81%, 96%, 43%
CMY	0.1922, 0.0392, 0.5725
CMYK	0.16, 0.00, 0.56, 0.04
HSL	77°, 87%, 69%
HSV	77°, 56%, 96%
XYZ	60.8663, 79.5308, 26.6110
YIQ	217.8350, 20.4120, -50.5640

Conversions

Conversions Part 2

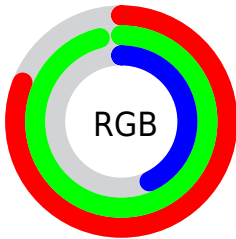
Format	Color
RYB	109, 245, 148
Decimal	13563245
CIELab	91.47, -32.28, 60.26
CIELCh	91, 68.356, 118.177
Yxy	79.5308, 0.3645, 0.4762
Android (android.graphics.Color)	4291753325 (0xFFCEF56D)
YUV	217.8350, -53.6557, -10.3793
Hunter-Lab	89.1800, -34.2369, 44.7341

Details

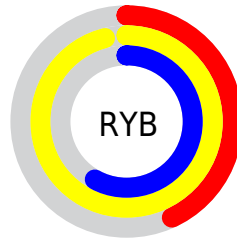
The Hex color **CEF56D** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **946DF5**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFA4**, and **95BD36** is the 20% darker color. If you saturate the color by 10%, you get **C7F554**, and if you desaturate by 10%, it is **D5F585**.

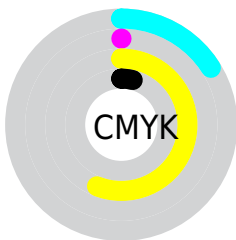
Distribution



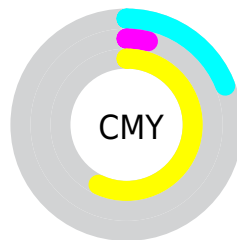
- Red (81%)
- Green (96%)
- Blue (43%)



- Red (43%)
- Yellow (96%)
- Blue (58%)



- Cyan (16%)
- Magenta (0%)
- Yellow (56%)
- Black (4%)



- Cyan (19%)
- Magenta (4%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEF56D 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 CEF56D by changing the saturation by 10% instead.

 CEF56D

 CEF56D

FFFFFF

 B1D852

 FFFFA4

 95BD36

 FFFFC0

 79A115

 FFFFDD

 5E8700

 FFFFFB

 436E00

 285500

 053D00

 002800

 000A00

 CEF56D

 CEF56D

 C7F554

 D5F585

 C0F53C

 DCF59E

 B9F523

 E3F5B6

 B2F50B

 EAF5CF

 AFF500

 F1F5E7

 F8F5FF

 FFF5FF

Harmonies

Analogous

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



FFE25E



CEF56D



79FF9E

Triad

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



CEF56D



00FFFF



FFAEED

Complementary

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



CEF56D



946DF5

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.



FFBDFD



CEF56D



53EFFF

Square

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



CEF56D



00FFFF



E3D7FF



FFB4AC

Rectangle

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



CEF56D



00FFC9



E3D7FF



FFB1FF

Sweetspot

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



CEF56D



F3FFD4



F5946D



788066



000000



808080

Same Dimension

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



CEF56D



CEFF54



8AF56D



777A6E



85BA00



2A3B00

Inverse Universe

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



946DF5



8554FF



D86DF5



726E7A



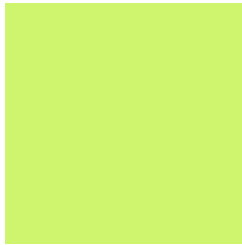
3500BA



11003B

Previews

White Background



This preview shows how the Hex color CEF56D looks on a white background.

Color Contrast Check

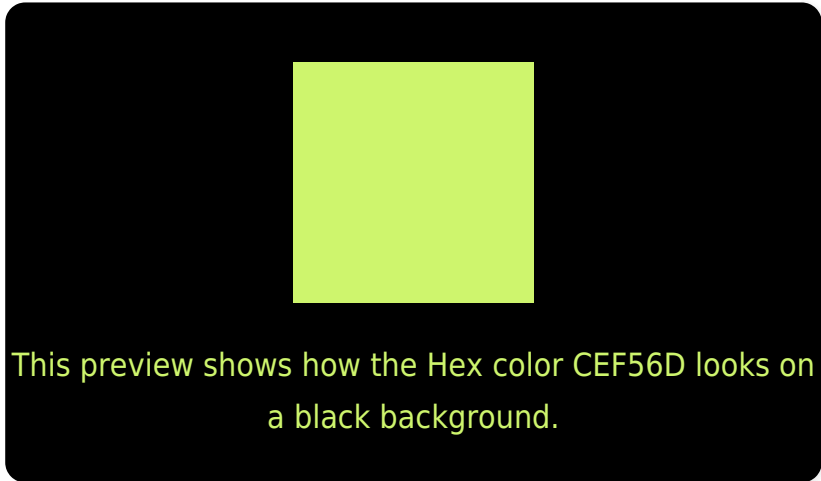
Large Text (above 18pt) WCAG AA × Fail

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 CEF56D Background



This preview shows how black text looks on a background with the Hex color CEF56D.

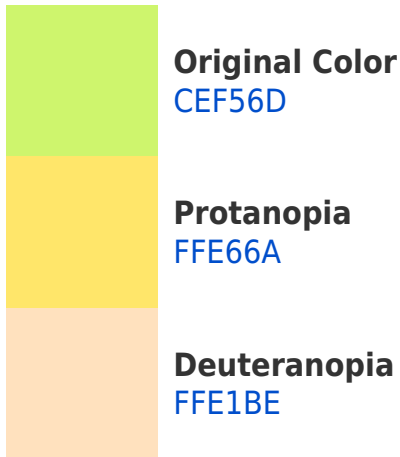


This preview shows how white text looks on a background with the Hex color CEF56D.

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](#).

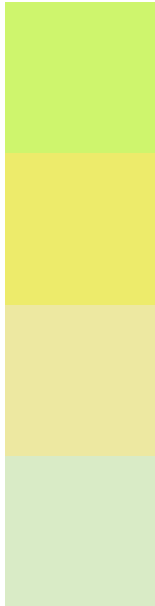
Dichromacy





Tritanopia
DFE6F9

Trichromacy



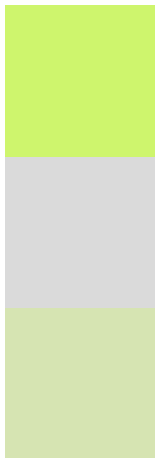
Original Color
CEF56D

Protanomaly
EDEB6B

Deuteranomaly
EDE8A1

Tritanomaly
D9EBC6

Monochromacy



Original Color
CEF56D

Achromatopsia
DADADA

Achromatomaly
D6E4B2

CSS Examples

Text

The CSS property to change the color of the text to Hex CEF56D 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 #CEF56D looks like.

```
.text, #text, p{  
    color:#CEF56D  
}
```

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 #CEF56D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEF56D
}
```

Border

The CSS property to change the border of an element to Hex CEF56D 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
#CEF56D }
```

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

```
.border{ border-color:#CEF56D }
```

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

Here you see how a box with a 4 pixel #CEF56D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEF56D; -webkit-box-shadow:4px 4px  
4px 4px #CEF56D; box-shadow:4px 4px 4px  
4px #CEF56D }
```

Background

The CSS property to change the background color of an element to Hex CEF56D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEF56D }
```

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

```
.background{ background-color:#CEF56D }
```

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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