

Converting Colors

Hex(C0E577)

Have a look what the booklet for
Hex(C0E577) contains.

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Color

Hex(C0E577)

Conversions

Conversions Part 1

Format	Color
Hex	C0E577
RGB	192, 229, 119
RGB Percent	75%, 90%, 47%
CMY	0.2471, 0.1020, 0.5333
CMYK	0.16, 0.00, 0.48, 0.10
HSL	80°, 68%, 68%
HSV	80°, 48%, 90%
XYZ	53.0873, 68.5770, 27.8915
YIQ	205.3970, 13.2580, -42.0540

Conversions

Conversions Part 2

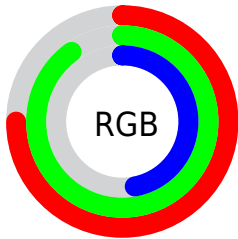
Format	Color
RYB	119, 229, 156
Decimal	12641655
CIELab	86.29, -29.15, 49.35
CIELCh	86, 57.319, 120.572
Yxy	68.5770, 0.3550, 0.4585
Android (android.graphics.Color)	4290831735 (0xFFC0E577)
YUV	205.3970, -42.5937, -11.7492
Hunter-Lab	82.8112, -30.4897, 37.9985

Details

The Hex color **C0E577** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **9C77E5**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FAFFAD**, and **88AD43** is the 20% darker color. If you saturate the color by 10%, you get **B8E560**, and if you desaturate by 10%, it is **C8E58E**.

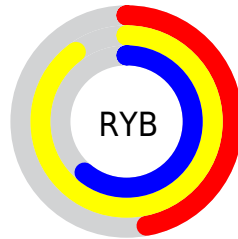
Distribution



Red (75%)

Green (90%)

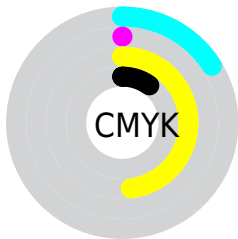
Blue (47%)



Red (47%)

Yellow (90%)

Blue (61%)

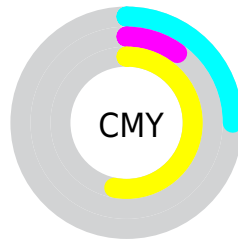


Cyan (16%)

Magenta (0%)

Yellow (48%)

Black (10%)



Cyan (25%)

Magenta (10%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0E577 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 C0E577 by changing the saturation by 10% instead.

 C0E577

 C0E577

FFFFFF

 A4C95D

 FAFFAD

 88AD43

 FFFFC9

 6D9328

 FFFFE6

 537908

 396000

 1F4800

 003100

 001E00

 000000

 C0E577

 C0E577

 B8E560

 C8E58E

 B1E549

 CFE5A5

 A9E532

 D7E5BC

 A1E51B

 DFE5D3

 99E504

 E7E5EA

 98E500

 EEE5FF

 F6E5FF

 FEE5FF

 FFE5FF

Harmonies

Analogous

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



F8D568



C0E577



7BEFA0

Triad

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



C0E577



00EBFF



FFABD9

Complementary

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



C0E577



9C77E5

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.



FFB5FF



C0E577



7CDDFF

Square

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



C0E577



00F3FF



DDC9FF



FFB0A4

Rectangle

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



C0E577



30F3C4



DDC9FF



FFADEC

Sweetspot

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



C0E577



F3FFDB



E59C77



78806A



000000



808080

Same Dimension

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



C0E577



CDFF6B



89E577



6F7367



76B300



223300

Inverse Universe

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



9C77E5



9D6BFF



D377E5



6B6773



3C00B3



110033

Previews

White Background



This preview shows how the Hex color C0E577 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 C0E577 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 C0E577 Background



This preview shows how black text looks on a background with the Hex color C0E577.

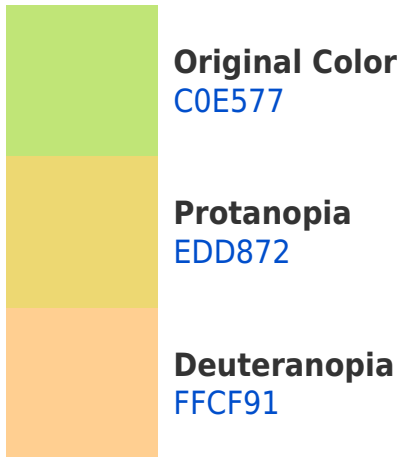


This preview shows how white text looks on a background with the Hex color C0E577.

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](#).

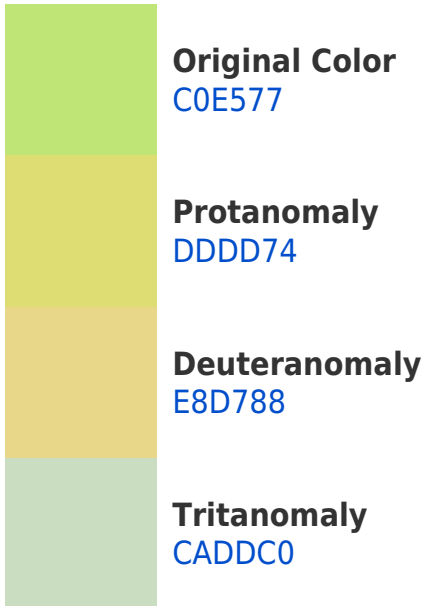
Dichromacy



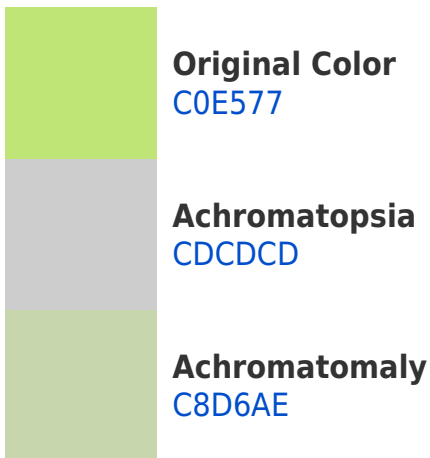


Tritanopia
CFD8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0E577 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 #C0E577 looks like.

```
.text, #text, p{  
    color:#C0E577  
}
```

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 #C0E577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0E577
}
```

Border

The CSS property to change the border of an element to Hex C0E577 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
#C0E577 }
```

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

```
.border{ border-color:#C0E577 }
```

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

Here you see how a box with a 4 pixel #C0E577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0E577; -webkit-box-shadow:4px 4px  
4px 4px #C0E577; box-shadow:4px 4px 4px  
4px #C0E577 }
```

Background

The CSS property to change the background color of an element to Hex C0E577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0E577 }
```

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

```
.background{ background-color:#C0E577 }
```

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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