

Converting Colors

Hex(CCE477)

Have a look what the booklet for
Hex(CCE477) contains.

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Color

Hex(CCE477)

Conversions

Conversions Part 1

Format	Color
Hex	CCE477
RGB	204, 228, 119
RGB Percent	80%, 89%, 47%
CMY	0.2000, 0.1059, 0.5333
CMYK	0.11, 0.00, 0.48, 0.11
HSL	73°, 67%, 68%
HSV	73°, 48%, 89%
XYZ	55.9750, 69.6561, 27.9475
YIQ	208.3980, 20.6850, -38.9870

Conversions

Conversions Part 2

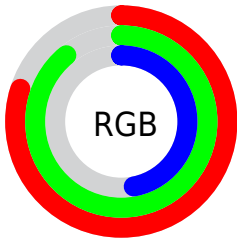
Format	Color
RYB	119, 228, 143
Decimal	13427831
CIELab	86.83, -24.12, 50.19
CIElCh	87, 55.681, 115.669
Yxy	69.6561, 0.3645, 0.4536
Android (android.graphics.Color)	4291617911 (0xFFCCE477)
YUV	208.3980, -44.0732, -3.8570
Hunter-Lab	83.4602, -26.3392, 38.5683

Details

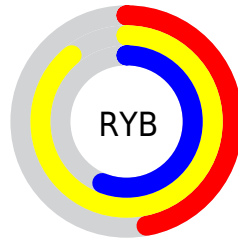
The Hex color **CCE477** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8F77E4**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFAD**, and **94AD43** is the 20% darker color. If you saturate the color by 10%, you get **C7E460**, and if you desaturate by 10%, it is **D1E48E**.

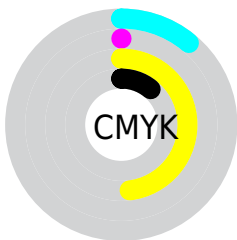
Distribution



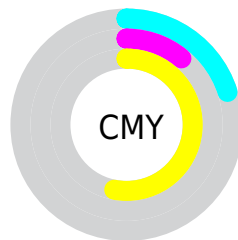
- Red (80%)
- Green (89%)
- Blue (47%)



- Red (47%)
- Yellow (89%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCE477 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 CCE477 by changing the saturation by 10% instead.

 CCE477

 CCE477

FFFFFF

 B0C85D

 FFFFAD

 94AD43

 FFFFC9

 799228

 FFFFE6

 5E7807

 445F00

 2B4800

 103100

 001E00

 000000

 CCE477

 CCE477

 C7E460

 D1E48E

 C2E449

 D6E4A5

 BDE433

 DBE4BB

 B8E41C

 E0E4D2

 B3E405

 E5E4E9

 B2E400

 EAE4FF

 EFE4FF

 F4E4FF

 F9E4FF

Harmonies

Analogous

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



FFD46E



CCE477



8CEF9C

Triad

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



CCE477



00EEFF



FFAFE3

Complementary

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



CCE477



8F77E4

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.



FFBBFF



CCE477



6FE1FF

Square

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



CCE477



00F4FF



D2CFFF



FFB1AE

Rectangle

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



CCE477



53F3BD



D2CFFF



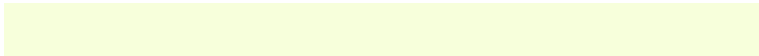
FFB1F5

Sweetspot

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



CCE477



F7FFDB



E48F77



7B806A



000000



808080

Same Dimension

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



CCE477



DFFF6E



96E477



707367



8BB300



283300

Inverse Universe

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



8F77E4



8E6EFF



C577E4



6A6773



2700B3



0B0033

Previews

White Background



This preview shows how the Hex color CCE477 looks on a white background.

Color Contrast Check

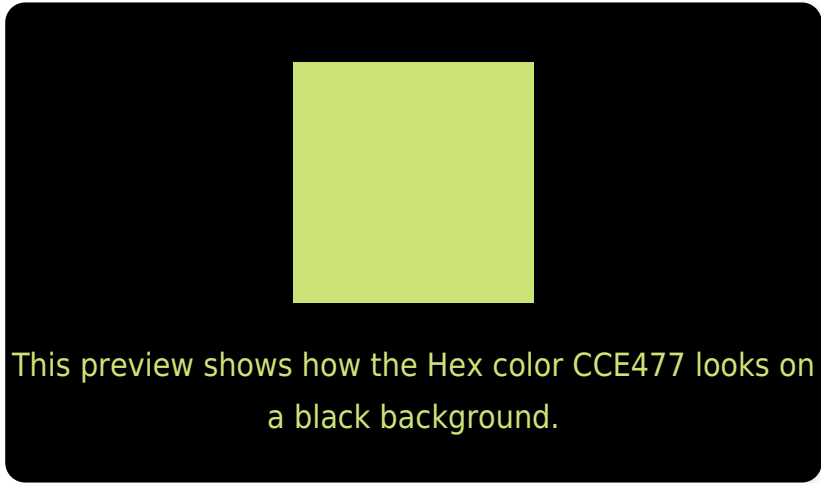
Large Text (above 18pt) WCAG AA × Fail

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 CCE477 Background



This preview shows how black text looks on a background with the Hex color CCE477.

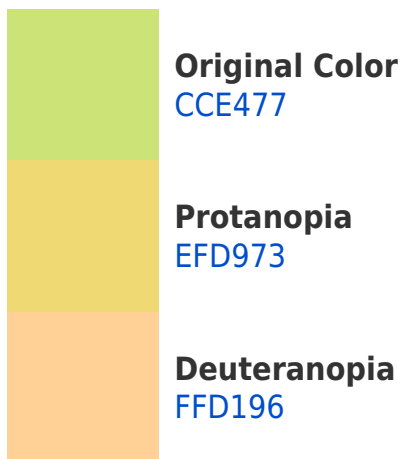


This preview shows how white text looks on a background with the Hex color CCE477.

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](#).

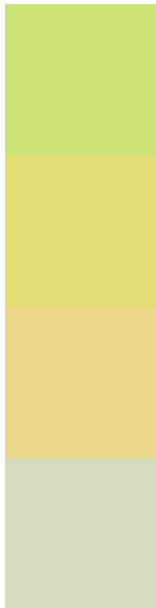
Dichromacy





Tritanopia
DAD7E8

Trichromacy



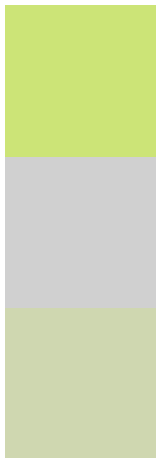
Original Color
CCE477

Protanomaly
E2DD74

Deuteranomaly
ECD88B

Tritanomaly
D5DCBF

Monochromacy



Original Color
CCE477

Achromatopsia
D0D0D0

Achromatomaly
CFD7B0

CSS Examples

Text

The CSS property to change the color of the text to Hex CCE477 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 #CCE477 looks like.

```
.text, #text, p{  
    color:#CCE477  
}
```

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 #CCE477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCE477
}
```

Border

The CSS property to change the border of an element to Hex CCE477 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
#CCE477 }
```

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

```
.border{ border-color:#CCE477 }
```

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

Here you see how a box with a 4 pixel #CCE477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCE477; -webkit-box-shadow:4px 4px  
4px 4px #CCE477; box-shadow:4px 4px 4px  
4px #CCE477 }
```

Background

The CSS property to change the background color of an element to Hex CCE477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCE477 }
```

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

```
.background{ background-color:#CCE477 }
```

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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