

Converting Colors

Hex(CAF177)

Have a look what the booklet for
Hex(CAF177) contains.

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Color

Hex(CAF177)

Conversions

Conversions Part 1

Format	Color
Hex	CAF177
RGB	202, 241, 119
RGB Percent	79%, 95%, 47%
CMY	0.2078, 0.0549, 0.5333
CMYK	0.16, 0.00, 0.51, 0.05
HSL	79°, 81%, 71%
HSV	79°, 51%, 95%
XYZ	59.1422, 76.7991, 29.1593
YIQ	215.4310, 15.9180, -46.2100

Conversions

Conversions Part 2

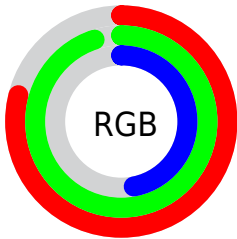
Format	Color
RYB	119, 241, 158
Decimal	13300087
CIELab	90.23, -31.02, 54.24
CIELCh	90, 62.483, 119.766
Yxy	76.7991, 0.3582, 0.4652
Android (android.graphics.Color)	4291490167 (0xFFCAF177)
YUV	215.4310, -47.5405, -11.7790
Hunter-Lab	87.6351, -32.8973, 41.6166

Details

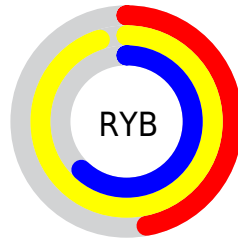
The Hex color **CAF177** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **9E77F1**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFAE**, and **92B942** is the 20% darker color. If you saturate the color by 10%, you get **C2F15F**, and if you desaturate by 10%, it is **D2F18F**.

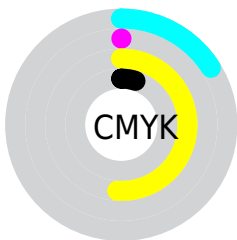
Distribution



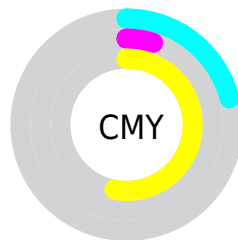
- Red (79%)
- Green (95%)
- Blue (47%)



- Red (47%)
- Yellow (95%)
- Blue (62%)



- Cyan (16%)
- Magenta (0%)
- Yellow (51%)
- Black (5%)



- Cyan (21%)
- Magenta (5%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAF177 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 CAF177 by changing the saturation by 10% instead.

 CAF177

FFFFFF

 FFFFAE

 FFFPCA

 FFFFE7

 CAF177

 ADD55C

 92B942

 769E26

 5B8400

 416A00

 275200

 053A00

 002500

 000200

CAF177

CAF177

C2F15F

D2F18F

BBF147

D9F1A7

B3F12F

E1F1BF

ABF117

E9F1D7

A4F100

F1F1EF

F8F1FF

FFF1FF

Harmonies

Analogous

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



FFE067



CAF177



7DFCA4

Triad

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



CAF177



00F9FF



FFB1E6

Complementary

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



CAF177



9E77F1

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.



FFBDFE



CAE177



74E9FF

Square

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



CAF177



00FFFF



E6D4FF



FFB7AB

Rectangle

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



CAF177



17FFCC



E6D4FF



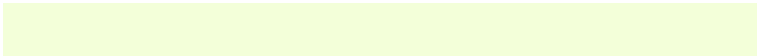
FFB3FA

Sweetspot

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



CAF177



F3FFD9



F19E77



788069



000000



808080

Same Dimension

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



CAF177



CDFF63



8DF177



74786C



7DB800



263800

Inverse Universe

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



9E77F1



9563FF



DB77F1



706C78



3B00B8



120038

Previews

White Background



This preview shows how the Hex color CAF177 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 CAF177 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 CAF177 Background



This preview shows how black text looks on a background with the Hex color CAF177.

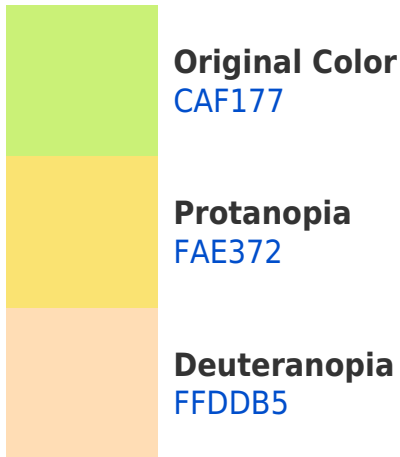


This preview shows how white text looks on a background with the Hex color CAF177.

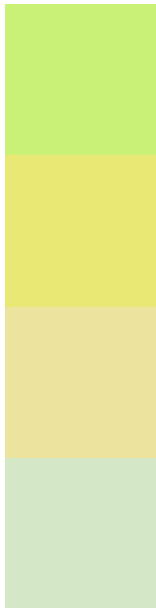
Color Blindness Simulation

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



Trichromacy



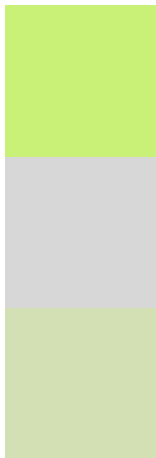
Original Color
CAF177

Protanomaly
E9E874

Deuteranomaly
ECE49E

Tritanomaly
D4E8C7

Monochromacy



Original Color
CAF177

Achromatopsia
D7D7D7

Achromatomaly
D2E0B4

CSS Examples

Text

The CSS property to change the color of the text to Hex CAF177 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 #CAF177 looks like.

```
.text, #text, p{  
    color:#CAF177  
}
```

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 #CAF177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAF177
}
```

Border

The CSS property to change the border of an element to Hex CAF177 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
#CAF177 }
```

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

```
.border{ border-color:#CAF177 }
```

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

Here you see how a box with a 4 pixel #CAF177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAF177; -webkit-box-shadow:4px 4px  
4px 4px #CAF177; box-shadow:4px 4px 4px  
4px #CAF177 }
```

Background

The CSS property to change the background color of an element to Hex CAF177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAF177 }
```

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

```
.background{ background-color:#CAF177 }
```

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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