

Converting Colors

Hex(CAF459)

Have a look what the booklet for
Hex(CAF459) contains.

Hex(CAF459)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CAF459)

Conversions

Conversions Part 1

Format	Color
Hex	CAF459
RGB	202, 244, 89
RGB Percent	79%, 96%, 35%
CMY	0.2078, 0.0431, 0.6510
CMYK	0.17, 0.00, 0.64, 0.04
HSL	76°, 88%, 65%
HSV	76°, 64%, 96%
XYZ	58.5110, 77.9792, 21.4188
YIQ	213.7720, 24.7230, -57.1090

Conversions

Conversions Part 2

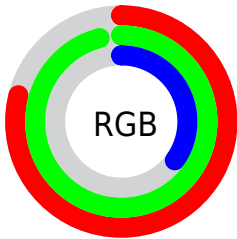
Format	Color
RYB	89, 244, 131
Decimal	13300825
CIELab	90.77, -34.88, 67.77
CIELCh	91, 76.218, 117.232
Yxy	77.9792, 0.3705, 0.4938
Android (android.graphics.Color)	4291490905 (0xFFCAF459)
YUV	213.7720, -61.5126, -10.3240
Hunter-Lab	88.3058, -36.2620, 47.4331

Details

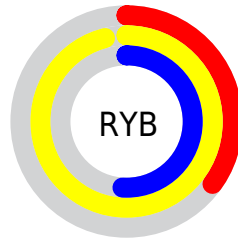
The Hex color **CAF459** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **8359F4**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF91**, and **90BC19** is the 20% darker color. If you saturate the color by 10%, you get **C3F441**, and if you desaturate by 10%, it is **D1F471**.

Distribution



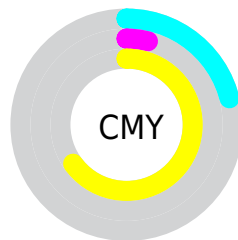
- Red (79%)
- Green (96%)
- Blue (35%)



- Red (35%)
- Yellow (96%)
- Blue (51%)



- Cyan (17%)
- Magenta (0%)
- Yellow (64%)
- Black (4%)



- Cyan (21%)
- Magenta (4%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAF459 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 CAF459 by changing the saturation by 10% instead.

 CAF459

 CAF459

FFFFFF

 ADD73C

 FFFF91

 90BC19

 FFFFAD

 74A100

 FFFFCA

 588600

 FFFFE7

 3D6D00

 1F5400

 003C00

 002700

 000500

CAF459

CAF459

C3F441

D1F471

BDF428

D7F48A

B6F410

DEF4A2

B2F400

E4F4BB

EBF4D3

F2F4EB

F8F4FF

FFF4FF

Harmonies

Analogous

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



FFDF48



CAF459



67FF92

Triad

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



CAF459



00FFFF



FFA2EE

Complementary

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



CAF459



8359F4

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.



FFB6FF



CAF459



00EFFF

Square

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



CAF459



00FFFF



DBD4FF



FFA9A6

Rectangle

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



CAF459



00FFC2



DBD4FF



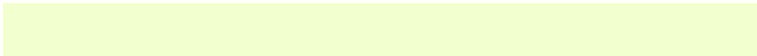
FFA6FF

Sweetspot

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



CAF459



F2FFCF



F48259



788062



000000



808080

Same Dimension

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



CAF459



CAFF3D



7DF459



777A6E



88BA00



2B3B00

Inverse Universe

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



8359F4



723DFF



D059F4



716E7A



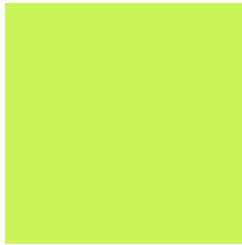
3200BA



10003B

Previews

White Background



This preview shows how the Hex color CAF459 looks on a white background.

Color Contrast Check

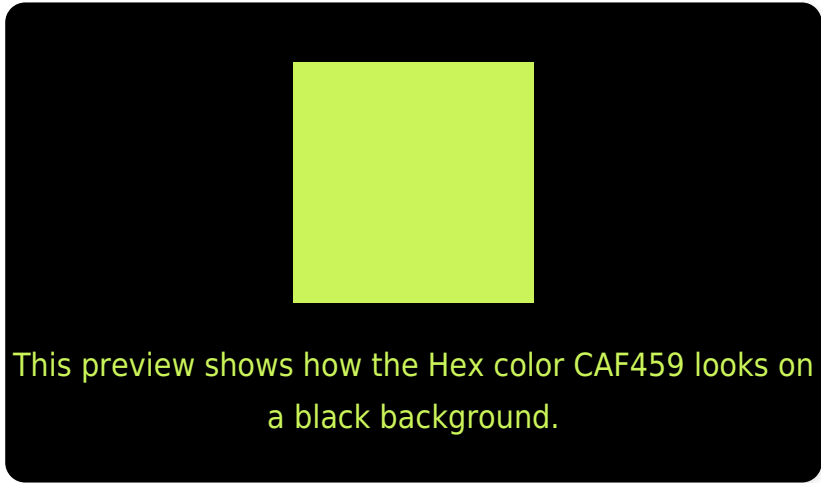
Large Text (above 18pt) WCAG AA × Fail

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 CAF459 Background



This preview shows how black text looks on a background with the Hex color CAF459.

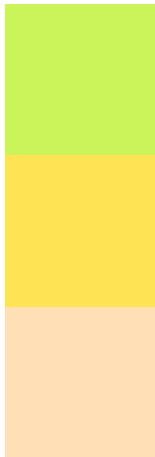


This preview shows how white text looks on a background with the Hex color CAF459.

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
CAF459

Protanopia
FEE455

Deuteranopia
FFDFB6

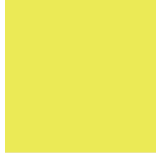


Tritanopia
DCE4F7

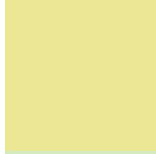
Trichromacy



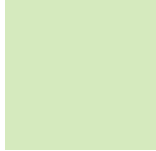
Original Color
CAF459



Protanomaly
EBEA56



Deuteranomaly
ECE794

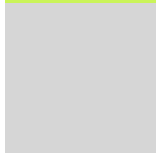


Tritanomaly
D5EABE

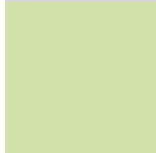
Monochromacy



Original Color
CAF459



Achromatopsia
D6D6D6



Achromatomaly
D2E1A9

CSS Examples

Text

The CSS property to change the color of the text to Hex CAF459 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 #CAF459 looks like.

```
.text, #text, p{  
    color:#CAF459  
}
```

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 #CAF459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAF459
}
```

Border

The CSS property to change the border of an element to Hex CAF459 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
#CAF459 }
```

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

```
.border{ border-color:#CAF459 }
```

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

Here you see how a box with a 4 pixel #CAF459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAF459; -webkit-box-shadow:4px 4px  
4px 4px #CAF459; box-shadow:4px 4px 4px  
4px #CAF459 }
```

Background

The CSS property to change the background color of an element to Hex CAF459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAF459 }
```

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

```
.background{ background-color:#CAF459 }
```

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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