

# Converting Colors

Hex(CAEF4E)

Have a look what the booklet for  
Hex(CAEF4E) contains.

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# Color

**Hex(CAEF4E)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | CAEF4E                      |
| RGB         | 202, 239, 78                |
| RGB Percent | 79%, 94%, 31%               |
| CMY         | 0.2078, 0.0627, 0.6941      |
| CMYK        | 0.15, 0.00, 0.67, 0.06      |
| HSL         | 74°, 83%, 62%               |
| HSV         | 74°, 67%, 94%               |
| XYZ         | 56.5988, 74.8396, 18.6701   |
| YIQ         | 209.5830, 29.6290, -57.9150 |

# Conversions

## Conversions Part 2

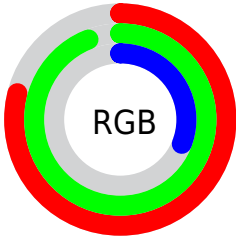
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">78, 239, 115</a>                |
| Decimal                             | <a href="#">13299534</a>                    |
| CIELab                              | <a href="#">89.32, -33.30, 70.47</a>        |
| CIELCh                              | <a href="#">89, 77.943, 115.293</a>         |
| Yxy                                 | <a href="#">74.8396, 0.3771, 0.4986</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4291489614<br/>(0xFFCAEF4E)</a> |
| YUV                                 | <a href="#">209.5830, -64.8704, -6.6503</a> |
| Hunter-Lab                          | <a href="#">86.5099, -34.6094, 47.7612</a>  |

# Details

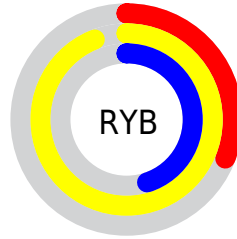
The Hex color **CAEF4E** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **734EEF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF87**, and **90B700** is the 20% darker color. If you saturate the color by 10%, you get **C5EF36**, and if you desaturate by 10%, it is **CFEF66**.

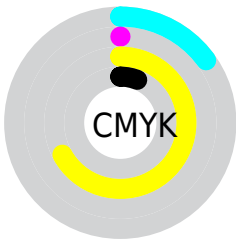
# Distribution



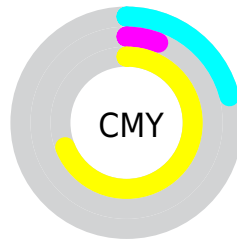
- Red (79%)
- Green (94%)
- Blue (31%)



- Red (31%)
- Yellow (94%)
- Blue (45%)



- Cyan (15%)
- Magenta (0%)
- Yellow (67%)
- Black (6%)



- Cyan (21%)
- Magenta (6%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAEF4E 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 CAEF4E by changing the saturation by 10% instead.



 CAEF4E

 CAEF4E

FFFFFF

 ADD32F

 FFFF87

 90B700

 FFFFA3

 749C00

 FFFFC0

 588200

 FFFFDD

 3D6800

 FFFFFB

 1E5000

 003900

 002400

 000000

 CAEF4E

 CAEF4E

 C5EF36

 CFEF66

 BFEF1E

 D5EF7E

 BAEF06

 DAEF96

 B8EF00

 E0EFAE

 E5EFC6

 EBEFDD

 F0EFF5

 F6EFFF

 FBEFFF

# Harmonies

## Analogous

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



FFD93F



CAEF4E



67FD87

# Triad

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



CAEF4E



00DFF



FF9CEF

# Complementary

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



CAEF4E



734EEF

# 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.



FFB2FF



CAEF4E



00ECFF

# Square

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



CAEF4E



00FFFF



CDD2FF



FFA2A5

# Rectangle

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



CAEF4E



00FFB8



CDD2FF



FFA1FF

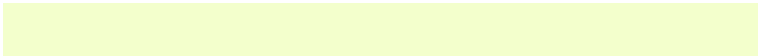


# Sweetspot

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



CAEF4E



F3FFCC



EF714E



788061



000000



808080



# Same Dimension

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



CAEF4E



D0FF30



7CEF4E



75786C



8DB800



2B3800



# Inverse Universe

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



734EEF



6030FF



C14EEF



6F6C78



2A00B8



0D0038



# Previews

## White Background



This preview shows how the Hex color CAEF4E looks on a white background.

## Color Contrast Check

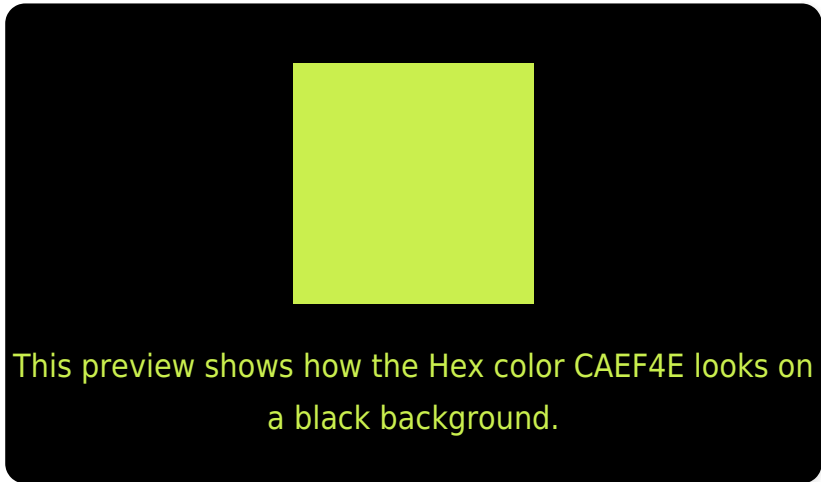
Large Text (above 18pt) WCAG AA × Fail

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 CAEF4E Background



This preview shows how black text looks on a background with the Hex color CAEF4E.

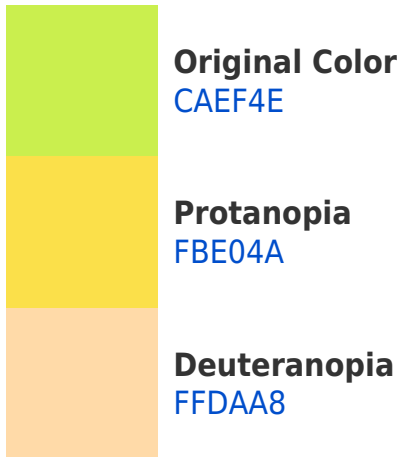


This preview shows how white text looks on a background with the Hex color CAEF4E.

# Color Blindness Simulation

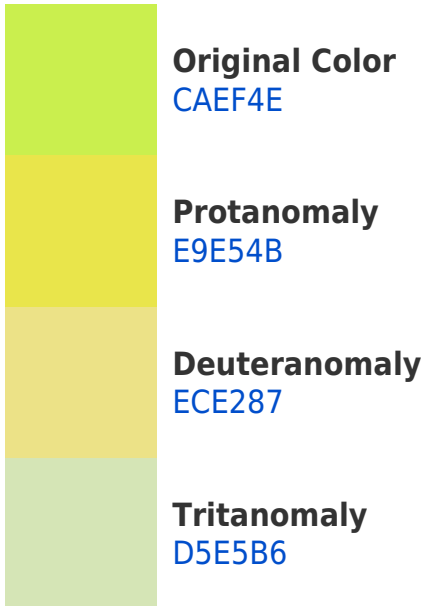
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

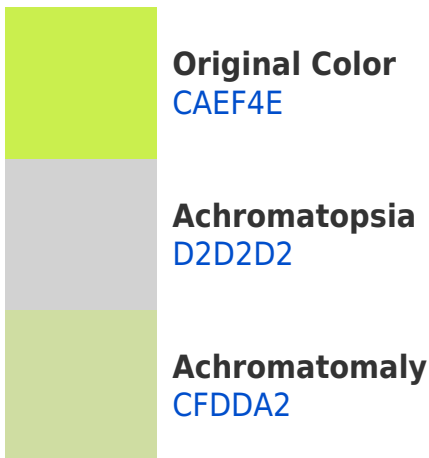




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAEF4E 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 #CAEF4E looks like.

```
.text, #text, p{  
    color:#CAEF4E  
}
```

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 #CAEF4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAEF4E
}
```

## Border

The CSS property to change the border of an element to Hex CAEF4E 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
#CAEF4E }
```

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

```
.border{ border-color:#CAEF4E }
```

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

Here you see how a box with a 4 pixel #CAEF4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAEF4E; -webkit-box-shadow:4px 4px  
4px 4px #CAEF4E; box-shadow:4px 4px 4px  
4px #CAEF4E }
```

# Background

The CSS property to change the background color of an element to Hex CAEF4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAEF4E }
```

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

```
.background{ background-color:#CAEF4E }
```

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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