

Converting Colors

Hex(CAFA2E)

Have a look what the booklet for
Hex(CAFA2E) contains.

Hex(CAFA2E)	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(CAFA2E)

Conversions

Conversions Part 1

Format	Color
Hex	CAFA2E
RGB	202, 250, 46
RGB Percent	79%, 98%, 18%
CMY	0.2078, 0.0196, 0.8196
CMYK	0.19, 0.00, 0.82, 0.02
HSL	74°, 95%, 58%
HSV	74°, 82%, 98%
XYZ	59.0359, 81.1250, 15.1319
YIQ	212.3920, 36.8760, -73.6200

Conversions

Conversions Part 2

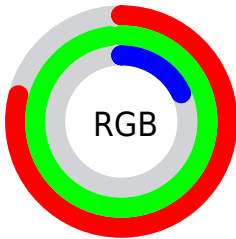
Format	Color
RYB	46, 250, 94
Decimal	13302318
CIELab	92.19, -39.72, 82.93
CIELCh	92, 91.954, 115.589
Yxy	81.1250, 0.3802, 0.5224
Android (android.graphics.Color)	4291492398 (0xFFCAFA2E)
YUV	212.3920, -82.0313, -9.1138
Hunter-Lab	90.0694, -40.6240, 53.0877

Details

The Hex color **CAFA2E** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **5E2EFA**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF70**, and **8FC100** is the 20% darker color. If you saturate the color by 10%, you get **C4FA15**, and if you desaturate by 10%, it is **D0FA47**.

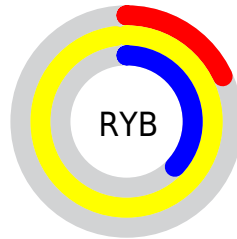
Distribution



Red (79%)

Green (98%)

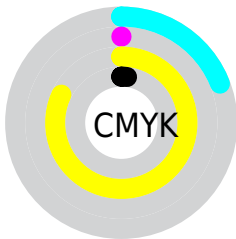
Blue (18%)



Red (18%)

Yellow (98%)

Blue (37%)

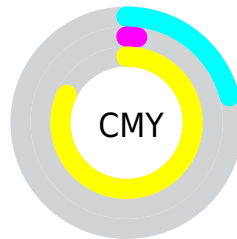


Cyan (19%)

Magenta (0%)

Yellow (82%)

Black (2%)



Cyan (21%)

Magenta (2%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAFA2E 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 CAFA2E by changing the saturation by 10% instead.

 CAFA2E

 CAFA2E

FFFFFF

 ACDD00

 FFFF70

 8FC100

 FFFF8D

 72A600

 FFFFAB

 558B00

 FFFFC8

 377200

 FFFF E6

 135900

 004100

 002B00

 000E00

 CAFA2E

 CAFA2E

 C4FA15

 D0FA47

 BFFA00

 D6FA60

 DCFA79

 E2FA92

 E7FAAB

 EDFAC4

 F3FADD

 F9FAF6

 FFFAFF

Harmonies

Analogous

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



FFE007



CAFA2E



42FF7E

Triad

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



CAFA2E



00FFFF



FF91FA

Complementary

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



CAFA2E



5E2EFA

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.



FFAEFF



CAFA2E



00F7FF

Square

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



CAFA2E



00FFFF



CED7FF



FF99A2

Rectangle

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



CAFA2E



00FFB9



CED7FF



FF97FF

Sweetspot

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



CAFA2E



F1FFC2



FA5E2E



77805B



000000



808080

Same Dimension

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



CAFA2E



C4FF05



64FA2E



7A7D70



90BD00



2F3D00

Inverse Universe

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



5E2EFA



4005FF



C42EFA



73707D



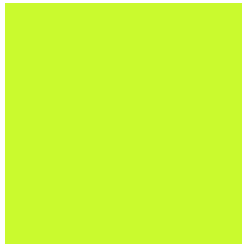
2C00BD



0E003D

Previews

White Background



This preview shows how the Hex color CAFA2E looks on a white background.

Color Contrast Check

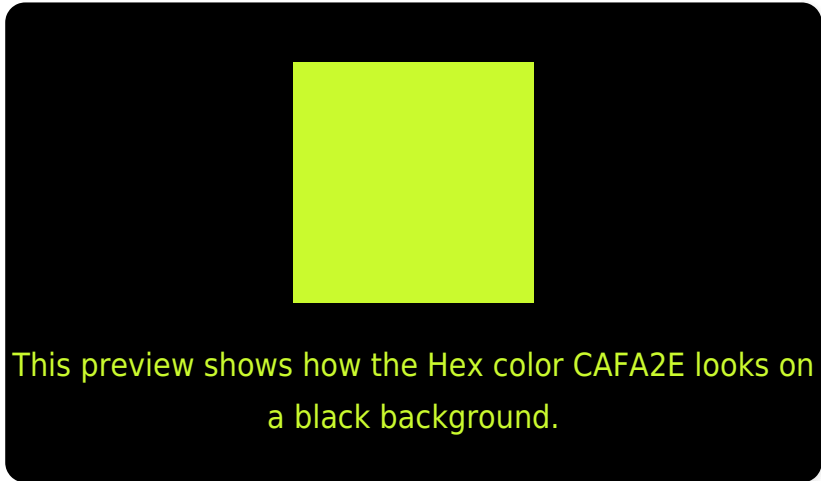
Large Text (above 18pt) WCAG AA × Fail

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 CAFA2E Background



This preview shows how black text looks on a background with the Hex color CAFA2E.

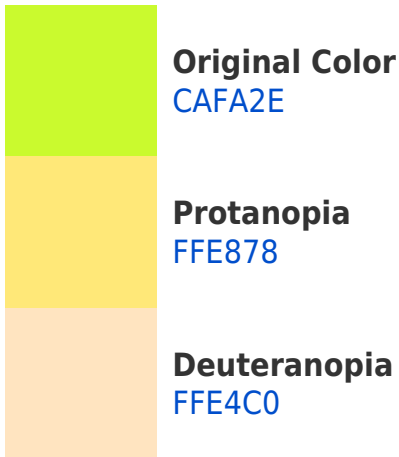


This preview shows how white text looks on a background with the Hex color CAFA2E.

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](#).

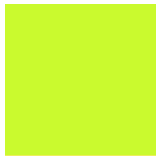
Dichromacy



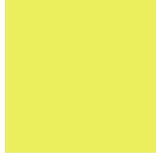


Tritanopia
DEE9FB

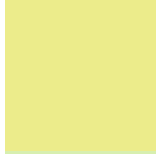
Trichromacy



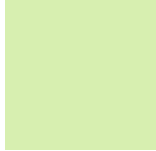
Original Color
CAFA2E



Protanomaly
ECEF5D



Deuteranomaly
ECEC8B

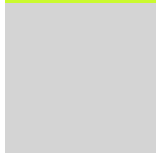


Tritanomaly
D7EFB0

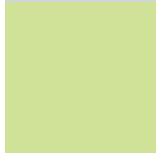
Monochromacy



Original Color
CAFA2E



Achromatopsia
D4D4D4



Achromatomaly
D0E298

CSS Examples

Text

The CSS property to change the color of the text to Hex CAFA2E 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 #CAFA2E looks like.

```
.text, #text, p{  
    color:#CAFA2E  
}
```

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 #CAFA2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAFA2E
}
```

Border

The CSS property to change the border of an element to Hex CAFA2E 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
#CAFA2E }
```

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

```
.border{ border-color:#CAFA2E }
```

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

Here you see how a box with a 4 pixel #CAFA2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAFA2E; -webkit-box-shadow:4px 4px  
4px 4px #CAFA2E; box-shadow:4px 4px 4px  
4px #CAFA2E }
```

Background

The CSS property to change the background color of an element to Hex CAFA2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAFA2E }
```

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

```
.background{ background-color:#CAFA2E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor