

# Converting Colors

Hex(CCAE5F)

Have a look what the booklet for  
Hex(CCAE5F) contains.

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# **Color**

**Hex(CCAE5F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCAEE5F
RGB	204, 174, 95
RGB Percent	80%, 68%, 37%
CMY	0.2000, 0.3176, 0.6275
CMYK	0.00, 0.15, 0.53, 0.20
HSL	43°, 52%, 59%
HSV	43°, 53%, 80%
XYZ	42.1034, 43.9357, 17.0878
YIQ	173.9640, 43.2390, -18.2090

# Conversions

## Conversions Part 2

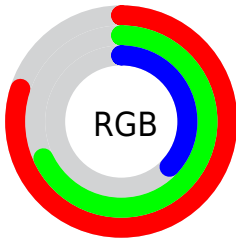
Format	Color
<a href="#">RYB</a>	<a href="#">136, 204, 95</a>
Decimal	<a href="#">13413983</a>
CIELab	<a href="#">72.19, 1.04, 44.16</a>
CIELCh	<a href="#">72, 44.177, 88.650</a>
Yxy	<a href="#">43.9357, 0.4083, 0.4260</a>
Android (android.graphics.Color)	<a href="#">4291604063 (0xFFCCA5F)</a>
YUV	<a href="#">173.9640, -38.9293, 26.3416</a>
Hunter-Lab	<a href="#">66.2840, -2.6142, 31.1140</a>

# Details

The Hex color **CCAEE5F** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5F7DCC**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE593**, and **937A2D** is the 20% darker color. If you saturate the color by 10%, you get **CCA84B**, and if you desaturate by 10%, it is **CCB473**.

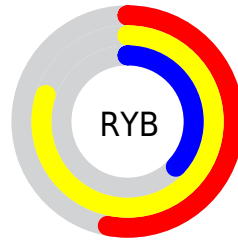
# Distribution



Red (80%)

Green (68%)

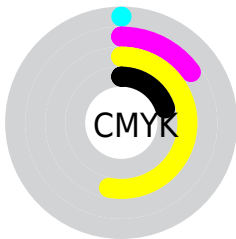
Blue (37%)



Red (53%)

Yellow (80%)

Blue (37%)

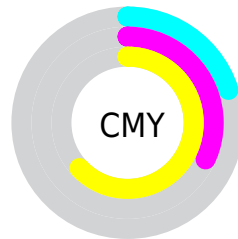


Cyan (0%)

Magenta (15%)

Yellow (53%)

Black (20%)



Cyan (20%)

Magenta (32%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCAE5F 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 CCAE5F by changing the saturation by 10% instead.





CCAE5F



CCAE5F

FFFFFF



AF9446



FFE593



937A2D



FFFFAE



786113



FFFFCA



5D4A00



FFFFE7



443300



2A1F00



0E0700



000000



CCAE5F



CCAE5F

■ CCA84B

■ CCB473

■ CCA336

■ CCB988

■ CC9D22

■ CCBF9C

■ CC980D

■ CCC4B1

■ CC9400

■ CCCAC5

■ CCD0D9

■ CCD5EE

■ CCDBFF

■ CCE1FF

# Harmonies

## Analogous

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



ECA06D



CCA5F



A3BA68

# Triad

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



CCA5F



00C5D6



E299DC

# Complementary

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



CCA5E5



5F7DCC

# 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.



B2A7F8



CCA5F



00C0F5

# Square

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



CCA E5F



2CC 6AE



6DB 6FF



FB9 1B4

# Rectangle

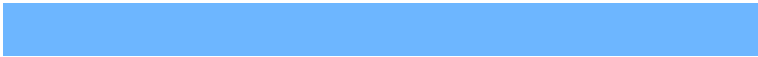
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CCA5F



83C07A



6DB6FF



D49DE7



# Sweetspot

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



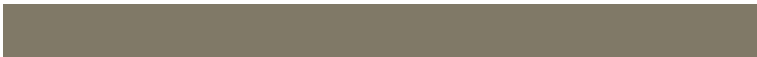
CCA E5F



FFF4D6



CC5F7E



807967



000000



808080



# Same Dimension

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



CCA5F



FFD25C



B4CC5F



66635C



A67800



261C00



# Inverse Universe

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



5F7DCC



5C89FF



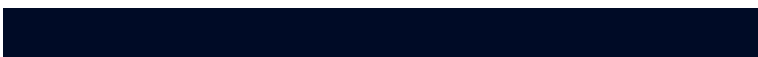
775FCC



5C5F66



002EA6



000B26



# Previews

## White Background



This preview shows how the Hex color CCAE5F looks on a white background.

## Color Contrast Check

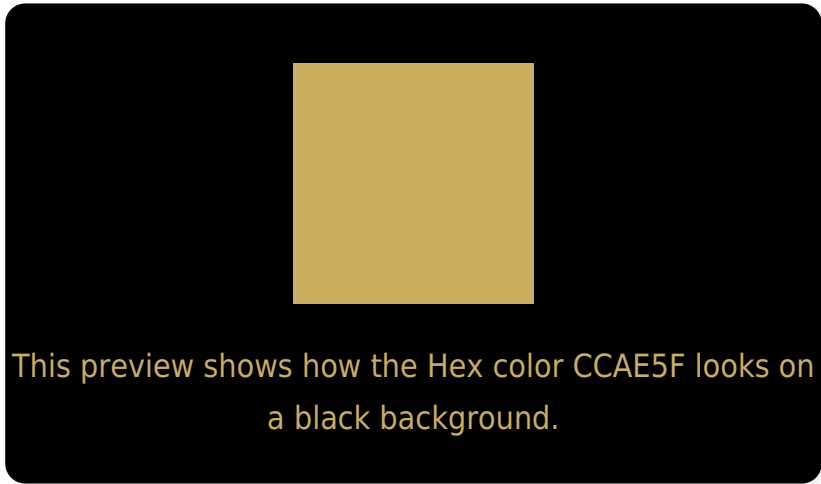
Large Text (above 18pt) WCAG AA × Fail

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 CCAE5F Background



This preview shows how black text looks on a background with the Hex color CCAE5F.



This preview shows how white text looks on a background with the Hex color CCAE5F.

# 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**  
CCA5F

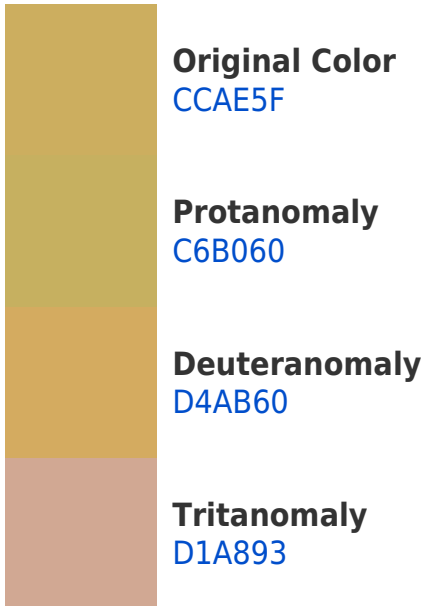
**Protanopia**  
C3B160

**Deuteranopia**  
D9A960



**Tritanopia**  
D4A5B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCAE5F 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 #CCA5E5F looks like.

```
.text, #text, p{  
    color:#CCA5E5F  
}
```

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 #CCAE5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCAE5F
}
```

## Border

The CSS property to change the border of an element to Hex CCAE5F 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
#CCAE5F }
```

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

```
.border{ border-color:#CCA5E5 }
```

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

Here you see how a box with a 4 pixel #CCA5E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA5E5; -webkit-box-shadow:4px 4px  
4px 4px #CCA5E5; box-shadow:4px 4px 4px  
4px #CCA5E5 }
```

# Background

The CSS property to change the background color of an element to Hex CCAE5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA5F }
```

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

```
.background{ background-color:#CCA5F }
```

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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