

# Converting Colors

Hex(CAAF11)

Have a look what the booklet for  
Hex(CAAF11) contains.

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# **Color**

**Hex(CAAF11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAAF11
RGB	202, 175, 17
RGB Percent	79%, 69%, 7%
CMY	0.2078, 0.3137, 0.9333
CMYK	0.00, 0.13, 0.92, 0.21
HSL	51°, 84%, 43%
HSV	51°, 92%, 79%
XYZ	39.7883, 43.2570, 6.7827
YIQ	165.0610, 66.8100, -43.4140

# Conversions

## Conversions Part 2

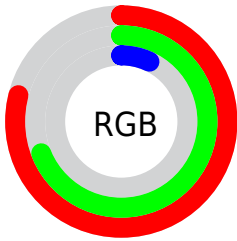
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 202, 17
Decimal	13283089
CIELab	71.73, -4.11, 71.97
CIELCh	72, 72.092, 93.268
Yxy	43.2570, 0.4429, 0.4816
Android (android.graphics.Color)	4291473169 (0xFFCAAFF11)
YUV	165.0610, -72.9941, 32.3955
Hunter-Lab	65.7700, -7.1121, 39.9246

# Details

The Hex color **CAAF11** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **112CCA**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFE654**, and **8F7B00** is the 20% darker color. If you saturate the color by 10%, you get **CAAD00**, and if you desaturate by 10%, it is **CAB225**.

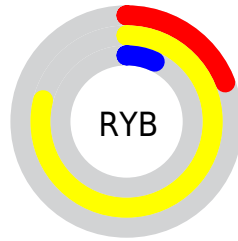
# Distribution



Red (79%)

Green (69%)

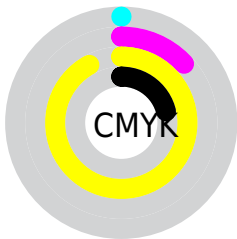
Blue (7%)



Red (19%)

Yellow (79%)

Blue (7%)

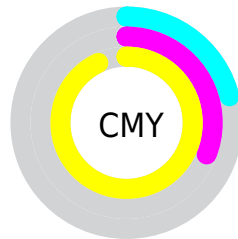


Cyan (0%)

Magenta (13%)

Yellow (92%)

Black (21%)



Cyan (21%)

Magenta (31%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAAF11 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 CAAF11 by changing the saturation by 10% instead.



■ CAAF11

■ CAAF11

FFFFFF

■ AC9500

■ FFE654

■ 8F7B00

■ FFFF71

■ 736200

■ FFFF8D

■ 574B00

■ FFFFA9

■ 3C3500

■ FFFFC6

■ 232000

■ FFFF E3

■ 000900

■ 000000

■ CAAF11

■ CAAF11

■ CAAD00

■ CAB225

■ CAB539

■ CAB84E

■ CABB62

■ CABE76

■ CAC18A

■ CAC49E

■ CAC7B3

■ CACAC7

# Harmonies

## Analogous

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



FF9635



CAAF11



87C036

# Triad

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



CAAF11



00CEF6



FF7EEC

# Complementary

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



CAAF11



112CCA

# 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.



BA9BFF



CAAF11



00C6FF

# Square

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



CAAF11



00CFB5



00B5FF



FF6FAB

# Rectangle

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



CAAF11



45C85C



00B5FF



F187FF



# Sweetspot

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



CAAF11



FFF5BA



CA112D



807A57



000000



808080



# Same Dimension

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



CAAF11



FFDA00



89CA11



66655C



A68E00



262100



# Inverse Universe

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



112CCA



0025FF



5211CA



5C5D66



0018A6



000626



# Previews

## White Background



This preview shows how the Hex color CAAF11 looks on a white background.

## Color Contrast Check

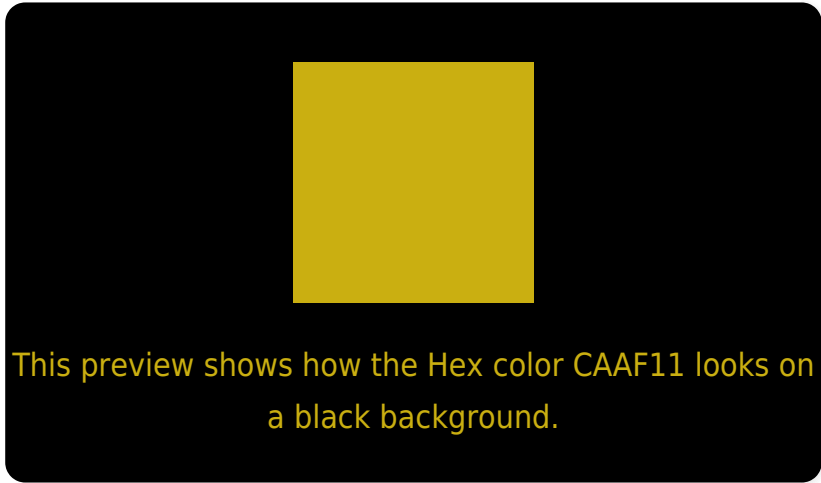
Large Text (above 18pt) WCAG AA × Fail

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 CAAF11 Background



This preview shows how black text looks on a background with the Hex color CAAF11.

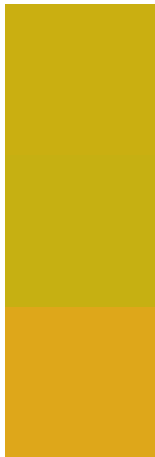


This preview shows how white text looks on a background with the Hex color CAAF11.

# 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**  
CAAF11

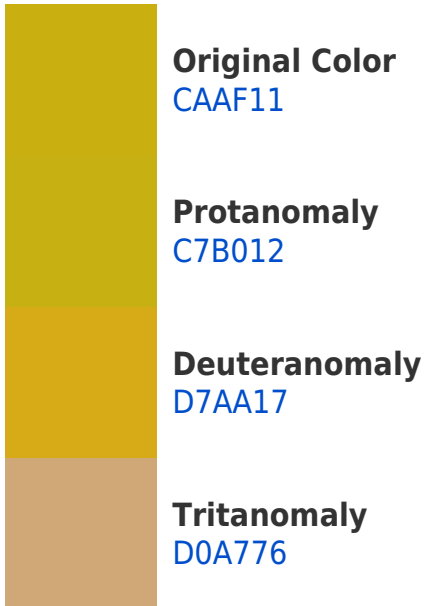
**Protanopia**  
C6B012

**Deuteranopia**  
DEA71A

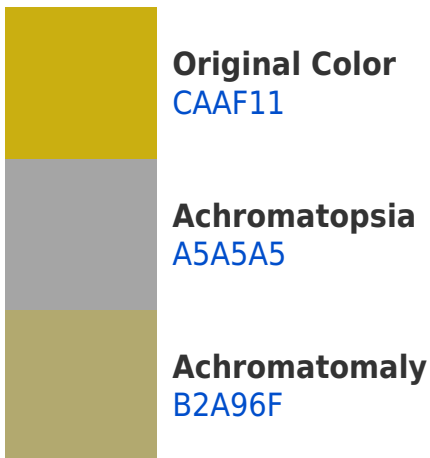


**Tritanopia**  
D4A3AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAAF11 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 #CAAF11 looks like.

```
.text, #text, p{  
    color:#CAAF11  
}
```

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 #CAAF11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAAF11  
}
```

## Border

The CSS property to change the border of an element to Hex CAAF11 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  
#CAAF11 }
```

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

```
.border{ border-color:#CAAF11 }
```

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

Here you see how a box with a 4 pixel #CAAF11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAAF11; -webkit-box-shadow:4px 4px  
4px 4px #CAAF11; box-shadow:4px 4px 4px  
4px #CAAF11 }
```

# Background

The CSS property to change the background color of an element to Hex CAAF11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAAF11 }
```

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

```
.background{ background-color:#CAAF11 }
```

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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