

# Converting Colors

Hex(CA6E11)

Have a look what the booklet for  
Hex(CA6E11) contains.

<b>Hex(CA6E11)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(CA6E11)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA6E11
RGB	202, 110, 17
RGB Percent	79%, 43%, 7%
CMY	0.2078, 0.5686, 0.9333
CMYK	0.00, 0.46, 0.92, 0.21
HSL	30°, 84%, 43%
HSV	30°, 92%, 79%
XYZ	30.0342, 23.7489, 3.5313
YIQ	126.9060, 84.6850, -9.4190

# Conversions

## Conversions Part 2

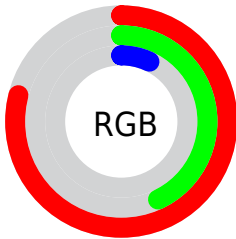
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 202, 17
Decimal	13266449
CIE Lab	55.84, 30.93, 60.07
CIE LCh	56, 67.567, 62.760
Yxy	23.7489, 0.5240, 0.4144
Android (android.graphics.Color)	4291456529 (0xFFCA6E11)
YUV	126.9060, -54.1837, 65.8574
Hunter-Lab	48.7328, 24.7278, 29.8166

# Details

The Hex color **CA6E11** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **116DCA**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FFA24A**, and **8D3D00** is the 20% darker color. If you saturate the color by 10%, you get **CA6600**, and if you desaturate by 10%, it is **CA7825**.

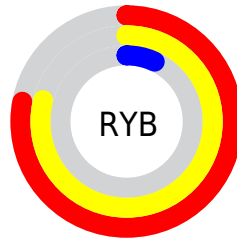
# Distribution



Red (79%)

Green (43%)

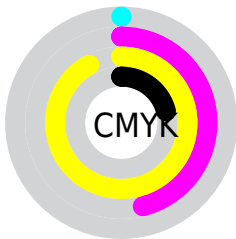
Blue (7%)



Red (78%)

Yellow (79%)

Blue (7%)

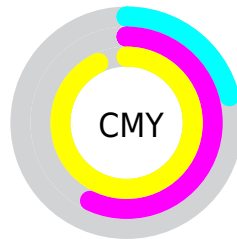


Cyan (0%)

Magenta (46%)

Yellow (92%)

Black (21%)



Cyan (21%)

Magenta (57%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA6E11 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 CA6E11 by changing the saturation by 10% instead.



CA6E11

CA6E11

FFFFFF

AB5500

FFA24A

8D3D00

FFBE64

6F2500

FFDA7F

520C00

FFF69A

370000

FFFFB5

1A0001

FFFFD2

000000

FFFFEF

CA6E11

CA6E11

■ CA6600

■ CA7825

■ CA8239

■ CA8C4E

■ CA9662

■ CAA076

■ CAAA8A

■ CAB49E

■ CABEB3

■ CAC8C7

# Harmonies

## Analogous

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



E7534A



CA6E11



9C8500

# Triad

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



CA6E11



00A08A



8B74E9

# Complementary

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



CA6E11



116DCA

# 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.



008BFC



CA6E11



00A0C4

# Square

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



CA6E11



009D4D



009AEE



D056BD

# Rectangle

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



CA6E11



769000



009AEE



657CF3



# Sweetspot

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



CA6E11



FFDDBA



CA116E



806B57



000000



808080



# Same Dimension

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



CA6E11



FF8000



CACA11



66615C



A65300



261300



# Inverse Universe

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



116DCA



007FFF



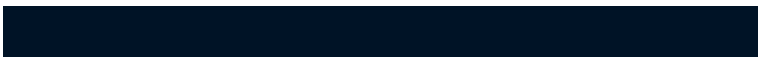
1111CA



5C6166



0052A6



001326



# Previews

## White Background



This preview shows how the Hex color CA6E11 looks on a white background.

## Color Contrast Check

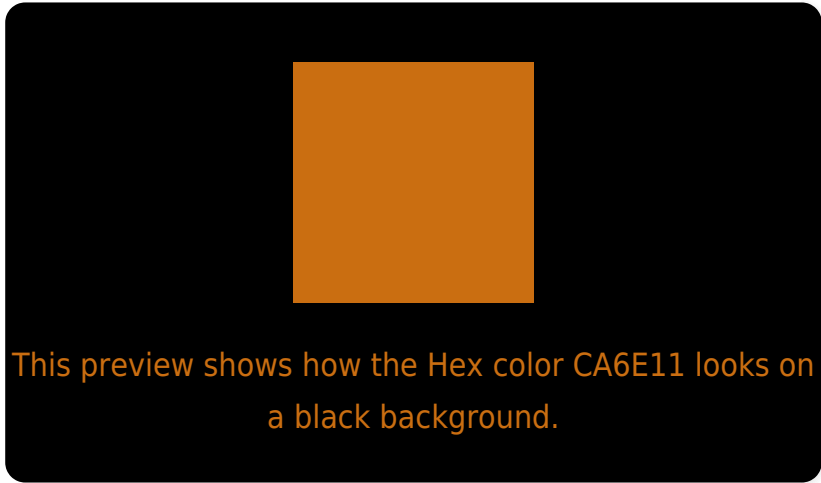
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CA6E11 Background



This preview shows how black text looks on a background with the Hex color CA6E11.



This preview shows how white text looks on a background with the Hex color CA6E11.

# 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



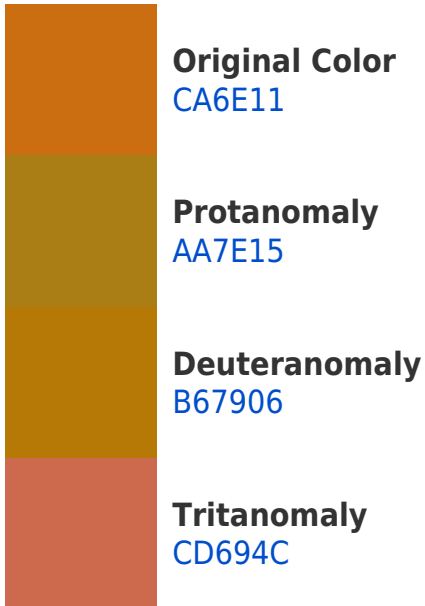
**Original Color**  
CA6E11

**Protanopia**  
978718

**Deuteranopia**  
AA7F00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA6E11 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 #CA6E11 looks like.

```
.text, #text, p{  
    color:#CA6E11  
}
```

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 #CA6E11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA6E11  
}
```

## Border

The CSS property to change the border of an element to Hex CA6E11 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  
#CA6E11 }
```

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

```
.border{ border-color:#CA6E11 }
```

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

Here you see how a box with a 4 pixel #CA6E11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA6E11; -webkit-box-shadow:4px 4px  
4px 4px #CA6E11; box-shadow:4px 4px 4px  
4px #CA6E11 }
```

# Background

The CSS property to change the background color of an element to Hex CA6E11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA6E11 }
```

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

```
.background{ background-color:#CA6E11 }
```

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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