

Converting Colors

Hex(CA760A)

Have a look what the booklet for
Hex(CA760A) contains.

Hex(CA760A)	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(CA760A)

Conversions

Conversions Part 1

Format	Color
Hex	CA760A
RGB	202, 118, 10
RGB Percent	79%, 46%, 4%
CMY	0.2078, 0.5373, 0.9608
CMYK	0.00, 0.42, 0.95, 0.21
HSL	34°, 91%, 42%
HSV	34°, 95%, 79%
XYZ	30.8903, 25.5353, 3.5879
YIQ	130.8040, 84.7320, -15.7800

Conversions

Conversions Part 2

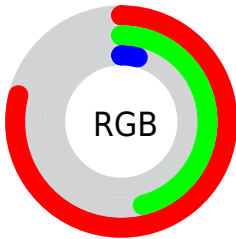
Format	Color
R_{YB}	159, 202, 10
Decimal	13268490
CIE _{Lab}	57.59, 26.55, 62.77
CIE _{LCh}	58, 68.152, 67.068
Yxy	25.5353, 0.5147, 0.4255
Android (android.graphics.Color)	4291458570 (0xFFCA760A)
YUV	130.8040, -59.5564, 62.4389
Hunter-Lab	50.5325, 20.6845, 31.1631

Details

The Hex color **CA760A** 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 **0A5ECA**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FFAB48**, and **8E4500** is the 20% darker color. If you saturate the color by 10%, you get **CA7200**, and if you desaturate by 10%, it is **CA7F1E**.

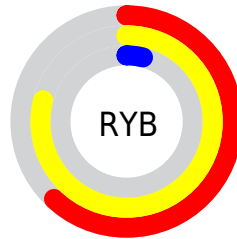
Distribution



Red (79%)

Green (46%)

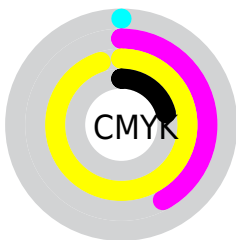
Blue (4%)



Red (62%)

Yellow (79%)

Blue (4%)

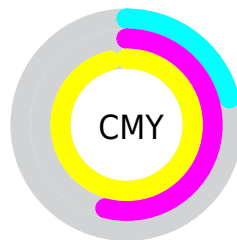


Cyan (0%)

Magenta (42%)

Yellow (95%)

Black (21%)



Cyan (21%)

Magenta (54%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA760A 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 CA760A by changing the saturation by 10% instead.

 CA760A

 CA760A

FFFFFF

 AB5D00

 FFAB48

 8E4500

 FFC662

 702E00

 FFE27D

 531700

 FFFF98

 380100

 FFFFB4

 1E0001

 FFFFD1

 000000

 FFFFEE

 CA760A

 CA760A

■ CA7200

■ CA7F1E

■ CA8832

■ CA9147

■ CA995B

■ CAA26F

■ CAAB83

■ CAB497

■ CABDAC

■ CAC6C0

Harmonies

Analogous

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



EB5B46



CA760A



998C00

Triad

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



CA760A



00A597



9D74EA

Complementary

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



CA760A



0A5ECA

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.



008DFF



CA760A



00A4D1

Square

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



CA760A



00A259



009DF8



DC57BA

Rectangle

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



CA760A



719700



009DF8



7C7DF5

Sweetspot

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



CA760A



FFDFB5



CA0A60



806C53



000000



808080

Same Dimension

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



CA760A



FF8F00



C0CA0A



66625C



A65D00



261600

Inverse Universe

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



0A5ECA



0070FF



140ACA



5C6066



0049A6



001126

Previews

White Background



This preview shows how the Hex color CA760A looks on a white background.

Color Contrast Check

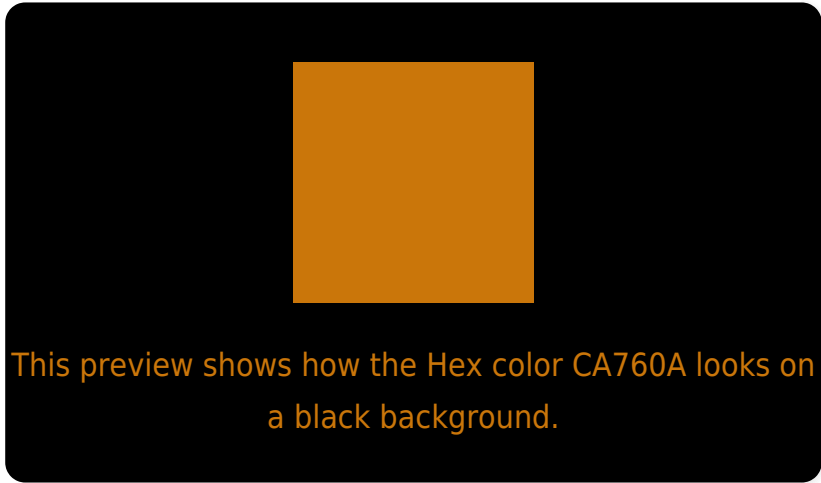
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA760A Background



This preview shows how black text looks on a background with the Hex color CA760A.



This preview shows how white text looks on a background with the Hex color CA760A.

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

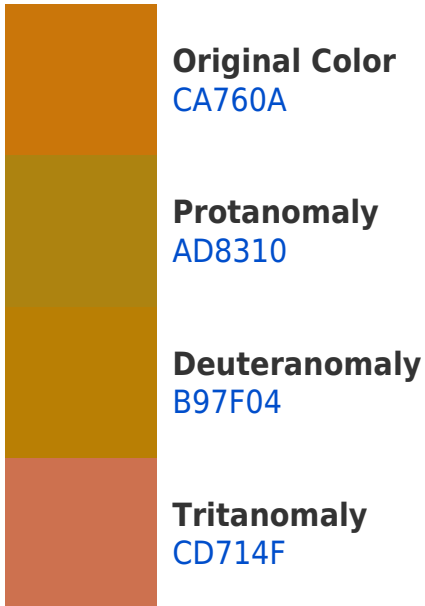


Original Color
CA760A

Protanopia
9D8B13

Deuteranopia
B08400

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA760A 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 #CA760A looks like.

```
.text, #text, p{  
    color:#CA760A  
}
```

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 #CA760A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA760A
}
```

Border

The CSS property to change the border of an element to Hex CA760A 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
#CA760A }
```

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

```
.border{ border-color:#CA760A }
```

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

Here you see how a box with a 4 pixel #CA760A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA760A; -webkit-box-shadow:4px 4px  
4px 4px #CA760A; box-shadow:4px 4px 4px  
4px #CA760A }
```

Background

The CSS property to change the background color of an element to Hex CA760A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA760A }
```

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

```
.background{ background-color:#CA760A }
```

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