

Converting Colors

Hex(CAA760)

Have a look what the booklet for
Hex(CAA760) contains.

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Color

Hex(CAA760)

Conversions

Conversions Part 1

Format	Color
Hex	CAA760
RGB	202, 167, 96
RGB Percent	79%, 65%, 38%
CMY	0.2078, 0.3451, 0.6235
CMYK	0.00, 0.17, 0.52, 0.21
HSL	40°, 50%, 58%
HSV	40°, 52%, 79%
XYZ	40.2872, 41.0385, 16.8642
YIQ	169.3710, 43.6510, -14.6610

Conversions

Conversions Part 2

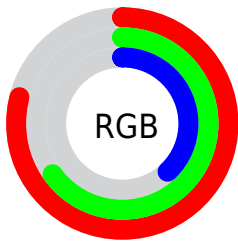
Format	Color
RYB	148, 202, 96
Decimal	13281120
CIELab	70.20, 4.02, 41.22
CIElCh	70, 41.415, 84.423
Yxy	41.0385, 0.4103, 0.4180
Android (android.graphics.Color)	4291471200 (0xFFCAA760)
YUV	169.3710, -36.1719, 28.6156
Hunter-Lab	64.0613, 0.1486, 29.2348

Details

The Hex color **CAA760** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6083CA**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDE94**, and **91732F** is the 20% darker color. If you saturate the color by 10%, you get **CAA04C**, and if you desaturate by 10%, it is **CAAE74**.

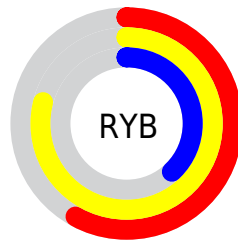
Distribution



Red (79%)

Green (65%)

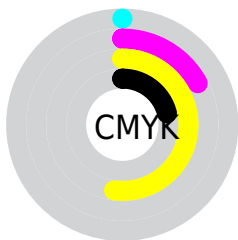
Blue (38%)



Red (58%)

Yellow (79%)

Blue (38%)

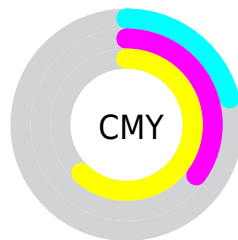


Cyan (0%)

Magenta (17%)

Yellow (52%)

Black (21%)



Cyan (21%)

Magenta (35%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAA760 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 CAA760 by changing the saturation by 10% instead.

 CAA760

 CAA760

FFFFFF

 AD8D47

 FFDE94

 91732F

 FFFAAF

 765B16

 FFFF00

 5B4400

 FFFFE7

 422E00

 291900

 0C0000

 000000

 CAA760

 CAA760

CAA04C

CAAE74

CA9A38

CAB488

CA9323

CABB9D

CA8C0F

CAC2B1

CA8700

CAC8C5

CACFD9

CAD6ED

CADCFE

CAE3FF

Harmonies

Analogous

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



E69A70



CAA760



A5B365

Triad

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



CAA760



00BFC9



D497D8

Complementary

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



CAA760



6083CA

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.



A5A4F0



CAA760



00BBE8

Square

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



CAA760



41BFA3



64B2F6



EF8EB4

Rectangle

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



CAA760



88B974



64B2F6



C79BE2

Sweetspot

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



CAA760



FFF2D6



CA6083



807867



000000



808080

Same Dimension

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



CAA760



FFCA5E



B8CA60



66635C



A66F00



261A00

Inverse Universe

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



6083CA



5E93FF



7260CA



5C5F66



0037A6



000D26

Previews

White Background



This preview shows how the Hex color CAA760 looks on a white background.

Color Contrast Check

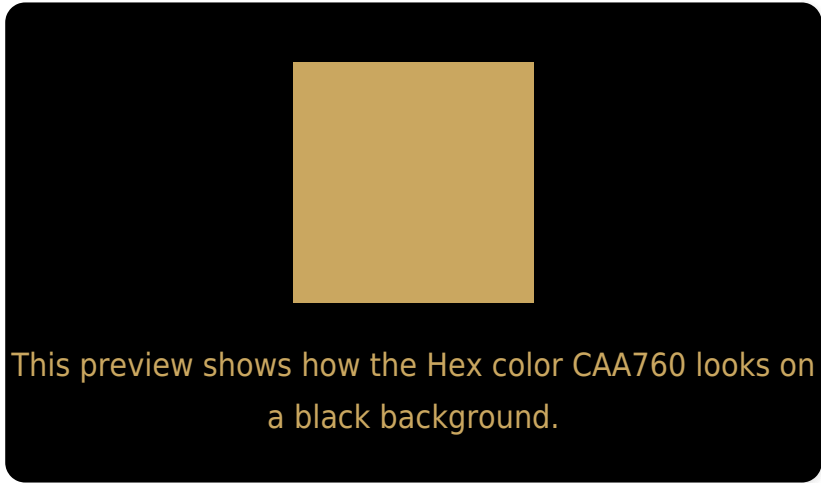
Large Text (above 18pt) WCAG AA × Fail

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 CAA760 Background



This preview shows how black text looks on a background with the Hex color CAA760.



This preview shows how white text looks on a background with the Hex color CAA760.

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
CAA760

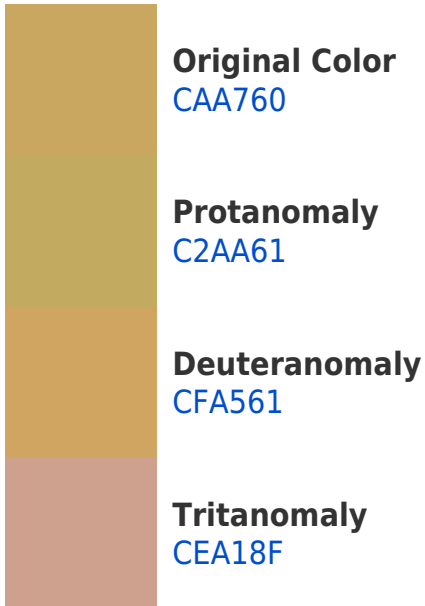
Protanopia
BDAC62

Deuteranopia
D2A461

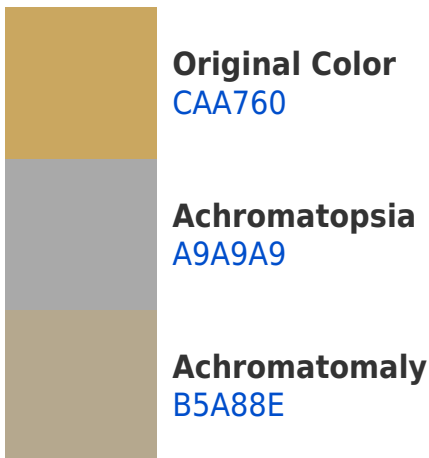


Tritanopia
D19EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CAA760 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 #CAA760 looks like.

```
.text, #text, p{  
    color:#CAA760  
}
```

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 #CAA760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAA760
}
```

Border

The CSS property to change the border of an element to Hex CAA760 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
#CAA760 }
```

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

```
.border{ border-color:#CAA760 }
```

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

Here you see how a box with a 4 pixel #CAA760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAA760; -webkit-box-shadow:4px 4px  
4px 4px #CAA760; box-shadow:4px 4px 4px  
4px #CAA760 }
```

Background

The CSS property to change the background color of an element to Hex CAA760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAA760 }
```

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

```
.background{ background-color:#CAA760 }
```

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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