

Converting Colors

Hex(CCA63A)

Have a look what the booklet for
Hex(CCA63A) contains.

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Color

Hex(CCA63A)

Conversions

Conversions Part 1

Format	Color
Hex	CCA63A
RGB	204, 166, 58
RGB Percent	80%, 65%, 23%
CMY	0.2000, 0.3490, 0.7725
CMYK	0.00, 0.19, 0.72, 0.20
HSL	44°, 59%, 51%
HSV	44°, 72%, 80%
XYZ	39.3018, 40.4153, 9.7325
YIQ	165.0500, 57.3160, -25.5320

Conversions

Conversions Part 2

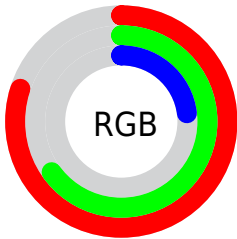
Format	Color
RYB	109, 204, 58
Decimal	13411898
CIELab	69.76, 2.83, 58.45
CIELCh	70, 58.514, 87.230
Yxy	40.4153, 0.4394, 0.4518
Android (android.graphics.Color)	4291601978 (0xFFCCA63A)
YUV	165.0500, -52.7756, 34.1592
Hunter-Lab	63.5730, -0.9015, 35.4243

Details

The Hex color **CCA63A** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3A60CC**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFDD6F**, and **927300** is the 20% darker color. If you saturate the color by 10%, you get **CCA126**, and if you desaturate by 10%, it is **CCAB4E**.

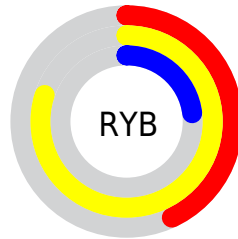
Distribution



Red (80%)

Green (65%)

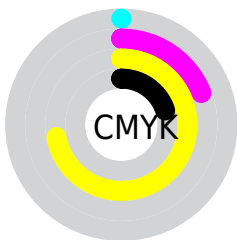
Blue (23%)



Red (43%)

Yellow (80%)

Blue (23%)

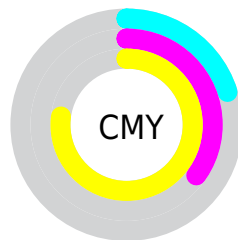


Cyan (0%)

Magenta (19%)

Yellow (72%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA63A 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 CCA63A by changing the saturation by 10% instead.

 CCA63A

 CCA63A

FFFFFF

 AF8C1D

 FFDD6F

 927300

 FFF98A

 765A00

 FFFFA6

 5A4300

 FFFFC2

 3F2D00

 FFFFDE

 261900

FFFFFFC

 050000

 000000

 CCA63A

 CCA63A

■ CCA126

■ CCAB4E

■ CC9B11

■ CCB163

■ CC9700

■ CCB677

■ CCBB8C

■ CCC1A0

■ CCC6B4

■ CCCBC9

■ CCD0DD

■ CCD6F2

Harmonies

Analogous

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



F49251



CCA63A



98B646

Triad

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



CCA63A



00C4D9



E789E5

Complementary

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



CCA63A



3A60CC

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.



A49EFF



CCA63A



00BEFF

Square

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



CCA63A



00C4A4



00B2FF



FF7BB2

Rectangle

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



CCA63A



6DBD5F



00B2FF



D490F3

Sweetspot

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



CCA63A



FFF1C9



CC3A61



807760



000000



808080

Same Dimension

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



CCA63A



FFC624



AACC3A



66635C



A67B00



261C00

Inverse Universe

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



3A60CC



245DFF



5C3ACC



5C5E66



002BA6



000A26

Previews

White Background



This preview shows how the Hex color CCA63A looks on a white background.

Color Contrast Check

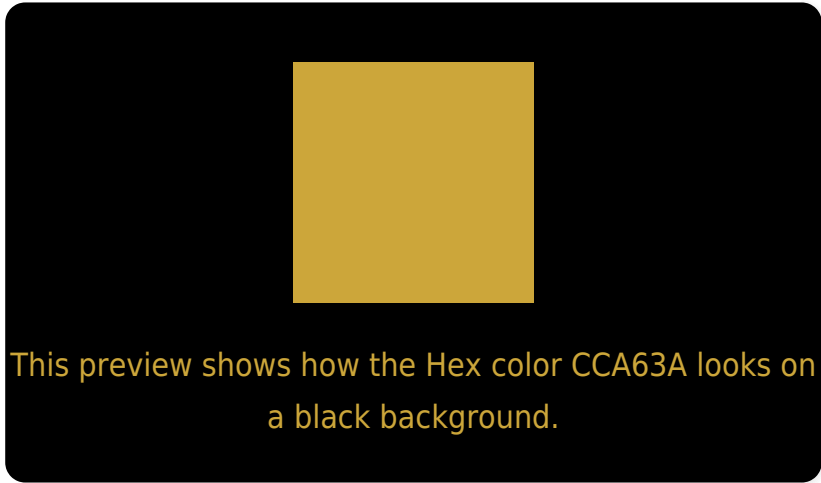
Large Text (above 18pt) WCAG AA × Fail

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 CCA63A Background



This preview shows how black text looks on a background with the Hex color CCA63A.

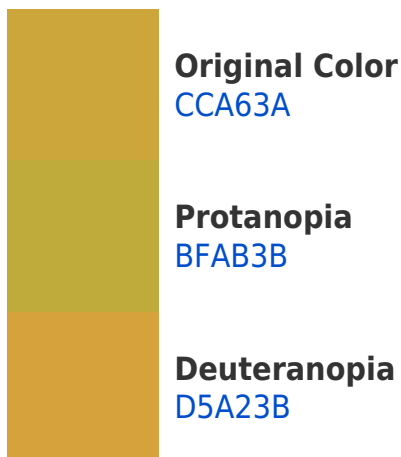


This preview shows how white text looks on a background with the Hex color CCA63A.

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](#).

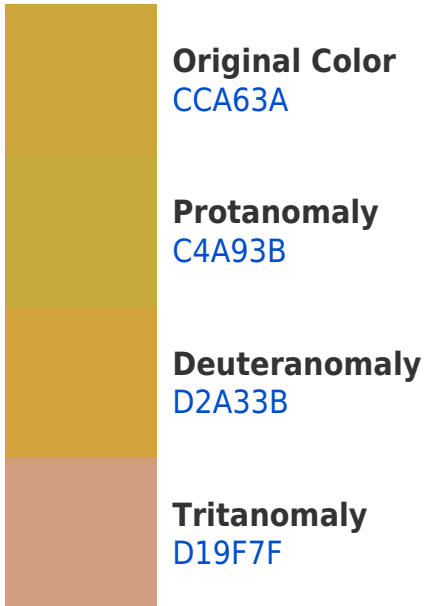
Dichromacy



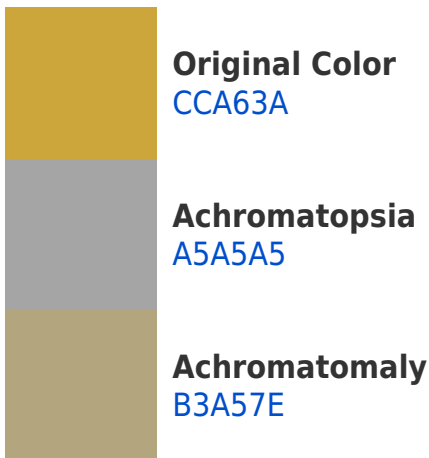


Tritanopia
D49BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA63A 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 #CCA63A looks like.

```
.text, #text, p{  
    color:#CCA63A  
}
```

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 #CCA63A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA63A
}
```

Border

The CSS property to change the border of an element to Hex CCA63A 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
#CCA63A }
```

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

```
.border{ border-color:#CCA63A }
```

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

Here you see how a box with a 4 pixel #CCA63A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA63A; -webkit-box-shadow:4px 4px  
4px 4px #CCA63A; box-shadow:4px 4px 4px  
4px #CCA63A }
```

Background

The CSS property to change the background color of an element to Hex CCA63A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA63A }
```

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

```
.background{ background-color:#CCA63A }
```

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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