

Converting Colors

Hex(CCA30C)

Have a look what the booklet for
Hex(CCA30C) contains.

Hex(CCA30C)	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(CCA30C)

Conversions

Conversions Part 1

Format	Color
Hex	CCA30C
RGB	204, 163, 12
RGB Percent	80%, 64%, 5%
CMY	0.2000, 0.3608, 0.9529
CMYK	0.00, 0.20, 0.94, 0.20
HSL	47°, 89%, 42%
HSV	47°, 94%, 80%
XYZ	38.0654, 39.0583, 5.8806
YIQ	158.0450, 72.9070, -38.2690

Conversions

Conversions Part 2

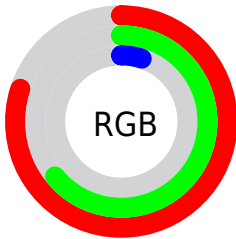
Format	Color
RYB	64, 204, 12
Decimal	13411084
CIELab	68.79, 3.06, 70.60
CIELCh	69, 70.663, 87.514
Yxy	39.0583, 0.4586, 0.4706
Android (android.graphics.Color)	4291601164 (0xFFCCA30C)
YUV	158.0450, -72.0002, 40.3025
Hunter-Lab	62.4966, -0.6485, 38.1688

Details

The Hex color **CCA30C** 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 **0C35CC**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFDA51**, and **917000** is the 20% darker color. If you saturate the color by 10%, you get **CCA000**, and if you desaturate by 10%, it is **CCA720**.

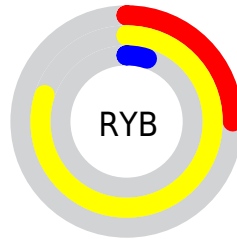
Distribution



Red (80%)

Green (64%)

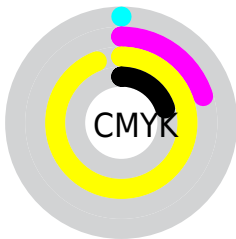
Blue (5%)



Red (25%)

Yellow (80%)

Blue (5%)

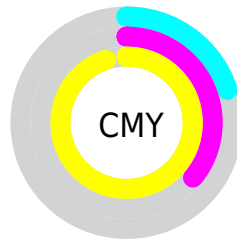


Cyan (0%)

Magenta (20%)

Yellow (94%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA30C 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 CCA30C by changing the saturation by 10% instead.

 CCA30C

 CCA30C

FFFFFF

 AE8900

 FFDA51

 917000

 FFF66D

 745800

 FFFF88

 584100

 FFFFA4

 3D2B00

 FFFFC1

 241700

 FFFFDE

 000000

 FFFFFC

 CCA30C

 CCA30C

■ CCA000

■ CCA720

■ CCAC35

■ CCB049

■ CCB45E

■ CCB972

■ CCBD86

■ CCC19B

■ CCC6AF

■ CCCAC4

Harmonies

Analogous

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



FC8A39



CCA30C



8EB526

Triad

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



CCA30C



00C5E1



F07CEE

Complementary

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



CCA30C



0C35CC

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.



9D99FF



CCA30C



00BFFF

Square

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



CCA30C



00C5A0



00B1FF



FF69B0

Rectangle

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



CCA30C



56BD4B



00B1FF



DA86FF

Sweetspot

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



CCA30C



FFF0B8



CC0C36



807654



000000



808080

Same Dimension

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



CCA30C



FFC900



96CC0C



66645C



A68200



261E00

Inverse Universe

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



0C35CC



0036FF



420CCC



5C5E66



0023A6



000826

Previews

White Background



This preview shows how the Hex color CCA30C looks on a white background.

Color Contrast Check

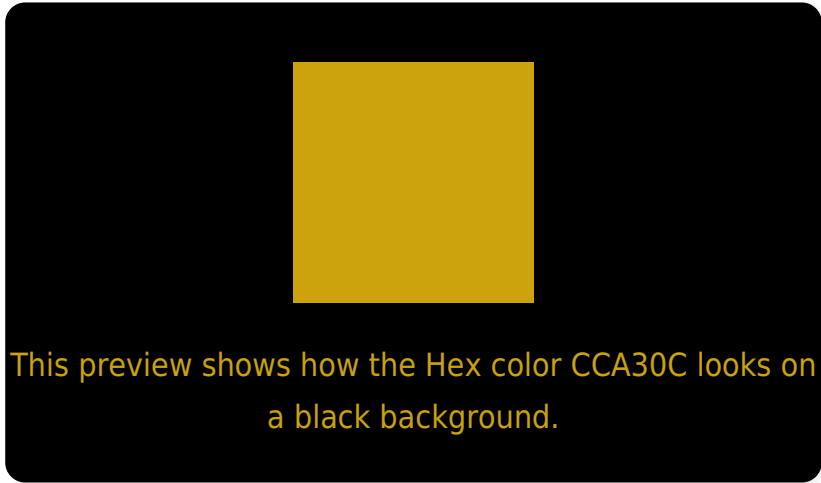
Large Text (above 18pt) WCAG AA × Fail

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 CCA30C Background



This preview shows how black text looks on a background with the Hex color CCA30C.

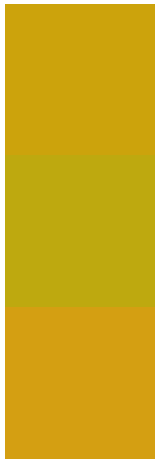


This preview shows how white text looks on a background with the Hex color CCA30C.

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
CCA30C

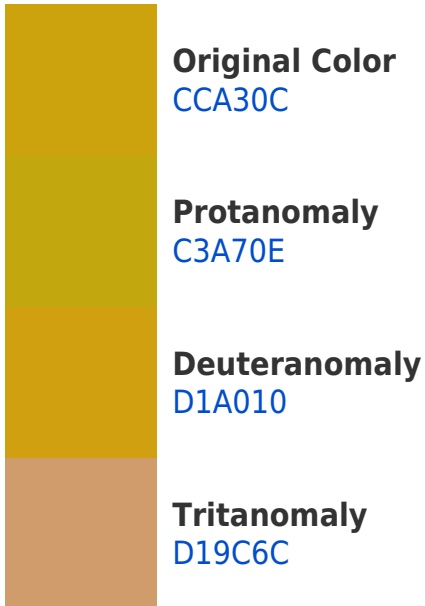
Protanopia
BEA90F

Deuteranopia
D49F12



Tritanopia
D498A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA30C 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 #CCA30C looks like.

```
.text, #text, p{  
    color:#CCA30C  
}
```

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 #CCA30C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA30C
}
```

Border

The CSS property to change the border of an element to Hex CCA30C 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
#CCA30C }
```

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

```
.border{ border-color:#CCA30C }
```

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

Here you see how a box with a 4 pixel #CCA30C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA30C; -webkit-box-shadow:4px 4px  
4px 4px #CCA30C; box-shadow:4px 4px 4px  
4px #CCA30C }
```

Background

The CSS property to change the background color of an element to Hex CCA30C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA30C }
```

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

```
.background{ background-color:#CCA30C }
```

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