

Converting Colors

Hex(CCA014)

Have a look what the booklet for
Hex(CCA014) contains.

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Color

Hex(CCA014)

Conversions

Conversions Part 1

Format	Color
Hex	CCA014
RGB	204, 160, 20
RGB Percent	80%, 63%, 8%
CMY	0.2000, 0.3725, 0.9216
CMYK	0.00, 0.22, 0.90, 0.20
HSL	46°, 82%, 44%
HSV	46°, 90%, 80%
XYZ	37.5989, 38.0295, 6.0206
YIQ	157.1960, 71.1640, -34.2120

Conversions

Conversions Part 2

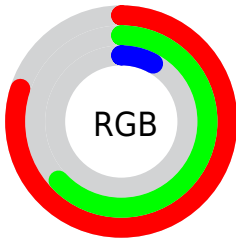
Format	Color
RYB	78, 204, 20
Decimal	13410324
CIELab	68.04, 4.79, 68.71
CIELCh	68, 68.873, 86.012
Yxy	38.0295, 0.4605, 0.4658
Android (android.graphics.Color)	4291600404 (0xFFCCA014)
YUV	157.1960, -67.6376, 41.0471
Hunter-Lab	61.6681, 0.9121, 37.3792

Details

The Hex color **CCA014** 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 **1440CC**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFD653**, and **916D00** is the 20% darker color. If you saturate the color by 10%, you get **CC9B00**, and if you desaturate by 10%, it is **CCA528**.

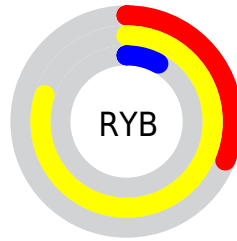
Distribution



Red (80%)

Green (63%)

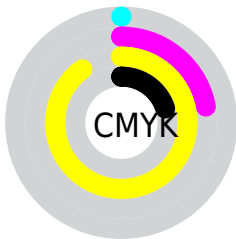
Blue (8%)



Red (31%)

Yellow (80%)

Blue (8%)

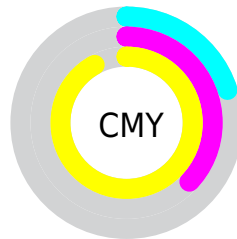


Cyan (0%)

Magenta (22%)

Yellow (90%)

Black (20%)



Cyan (20%)

Magenta (37%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA014 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 CCA014 by changing the saturation by 10% instead.


 CCA014

 CCA014

FFFFFF

 AE8600

 FFD653

 916D00

 FFF36F

 745500

 FFFF8B

 583E00

 FFFFA7

 3D2900

 FFFFC3

 241500

 FFFFEO

 000000

FFFFFFE

 CCA014

 CCA014

■ CC9B00

■ CCA528

■ CCAA3D

■ CCAF51

■ CCB466

■ CCB87A

■ CCBD8E

■ CCC2A3

■ CCC7B7

■ CCCCCC

Harmonies

Analogous

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



FA873D



CCA014



90B227

Triad

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



CCA014



00C3DB



E97DEC

Complementary

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



CCA014



1440CC

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.



9699FF



CCA014



00BDFF

Square

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



CCA014



00C29B



00B0FF



FF69B1

Rectangle

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



CCA014



5CBA49



00B0FF



D386FD

Sweetspot

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



CCA014



FFEFBA



CC1442



807657



000000



808080

Same Dimension

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



CCA014



FFC200



9ECC14



66645C



A67E00



261D00

Inverse Universe

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



1440CC



003DFF



4214CC



5C5E66



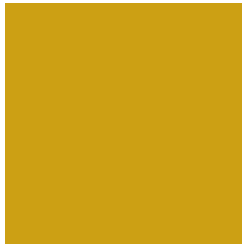
0028A6



000926

Previews

White Background



This preview shows how the Hex color CCA014 looks on a white background.

Color Contrast Check

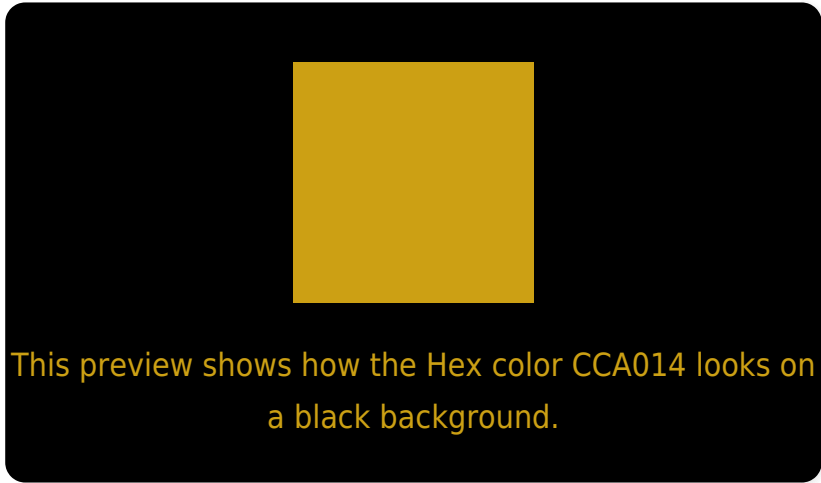
Large Text (above 18pt) WCAG AA × Fail

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 CCA014 Background



This preview shows how black text looks on a background with the Hex color CCA014.



This preview shows how white text looks on a background with the Hex color CCA014.

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
CCA014

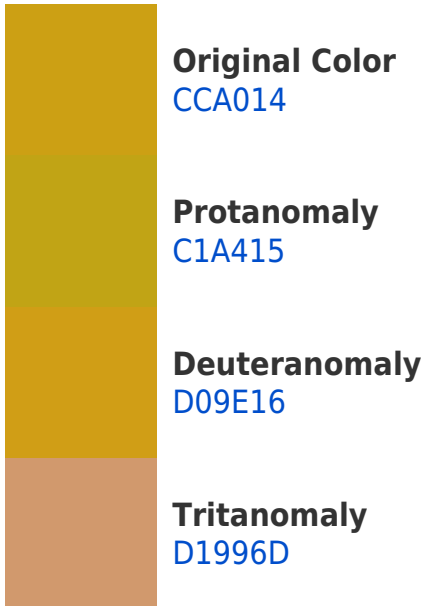
Protanopia
BBA716

Deuteranopia
D29D17



Tritanopia
D495A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA014 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 #CCA014 looks like.

```
.text, #text, p{  
    color:#CCA014  
}
```

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 #CCA014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA014
}
```

Border

The CSS property to change the border of an element to Hex CCA014 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
#CCA014 }
```

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

```
.border{ border-color:#CCA014 }
```

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

Here you see how a box with a 4 pixel #CCA014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA014; -webkit-box-shadow:4px 4px  
4px 4px #CCA014; box-shadow:4px 4px 4px  
4px #CCA014 }
```

Background

The CSS property to change the background color of an element to Hex CCA014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA014 }
```

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

```
.background{ background-color:#CCA014 }
```

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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