

Converting Colors

Hex(CC960D)

Have a look what the booklet for
Hex(CC960D) contains.

Hex(CC960D)	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(CC960D)

Conversions

Conversions Part 1

Format	Color
Hex	CC960D
RGB	204, 150, 13
RGB Percent	80%, 59%, 5%
CMY	0.2000, 0.4118, 0.9490
CMYK	0.00, 0.26, 0.94, 0.20
HSL	43°, 88%, 43%
HSV	43°, 94%, 80%
XYZ	35.8808, 34.6791, 5.1834
YIQ	150.5280, 76.1610, -31.1590

Conversions

Conversions Part 2

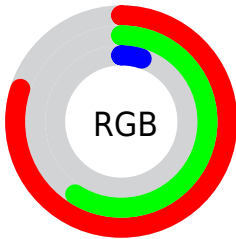
Format	Color
R _Y B	88, 204, 13
Decimal	13407757
CIE Lab	65.50, 10.08, 68.03
CIE LCh	65, 68.772, 81.572
Yxy	34.6791, 0.4737, 0.4579
Android (android.graphics.Color)	4291597837 (0xFFCC960D)
YUV	150.5280, -67.8013, 46.8949
Hunter-Lab	58.8890, 5.7037, 36.0036

Details

The Hex color **CC960D** 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 **0D43CC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFCC4F**, and **906400** is the 20% darker color. If you saturate the color by 10%, you get **CC9200**, and if you desaturate by 10%, it is **CC9C21**.

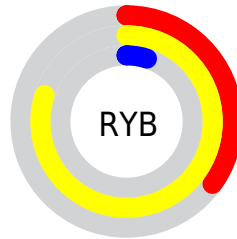
Distribution



Red (80%)

Green (59%)

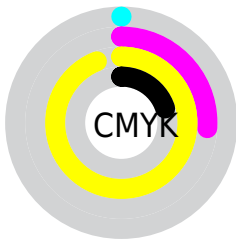
Blue (5%)



Red (35%)

Yellow (80%)

Blue (5%)

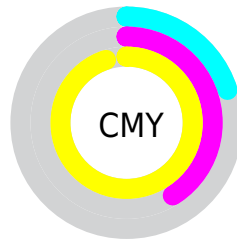


Cyan (0%)

Magenta (26%)

Yellow (94%)

Black (20%)



Cyan (20%)

Magenta (41%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC960D 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 CC960D by changing the saturation by 10% instead.

 CC960D

 CC960D

FFFFFF

 AE7C00

 FFCC4F

 906400

 FFE86A

 744C00

 FFFF86

 573500

 FFFFA2

 3C2000

 FFFFBE

 240B00

 FFFFDB

 000000

 FFFFF8

 CC960D

 CC960D

■ CC9200

■ CC9C21

■ CCA236

■ CCA74A

■ CCAD5F

■ CCB373

■ CCB987

■ CCBE9C

■ CCC4B0

■ CCCAC5

Harmonies

Analogous

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



F77D3E



CC960D



93A917

Triad

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



CC960D



00BCCB



D87AEC

Complementary

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



CC960D



0D43CC

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.



7C96FF



CC960D



00B7FF

Square

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



CC960D



00BB8B



00ABFF



FF64B3

Rectangle

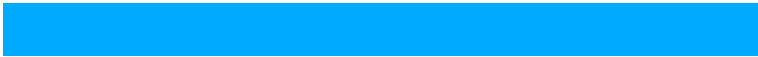
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CC960D



62B23A



00ABFF



C084FC

Sweetspot

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



CC960D



FFEBB8



CC0D43



807354



000000



808080

Same Dimension

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



CC960D



FFB700



A3CC0D



66635C



A67700



261B00

Inverse Universe

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



0D43CC



0048FF



360DCC



5C5F66



002FA6



000B26

Previews

White Background



This preview shows how the Hex color CC960D looks on a white background.

Color Contrast Check

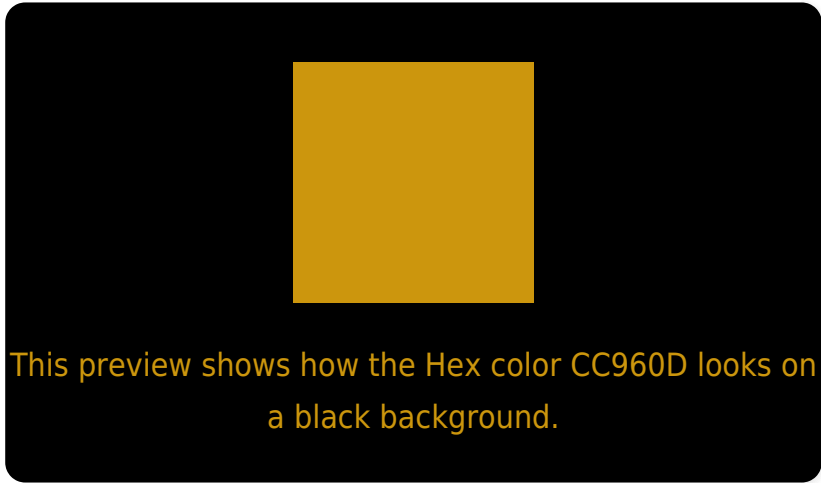
Large Text (above 18pt) WCAG AA × Fail

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 CC960D Background



This preview shows how black text looks on a background with the Hex color CC960D.



This preview shows how white text looks on a background with the Hex color CC960D.

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
CC960D

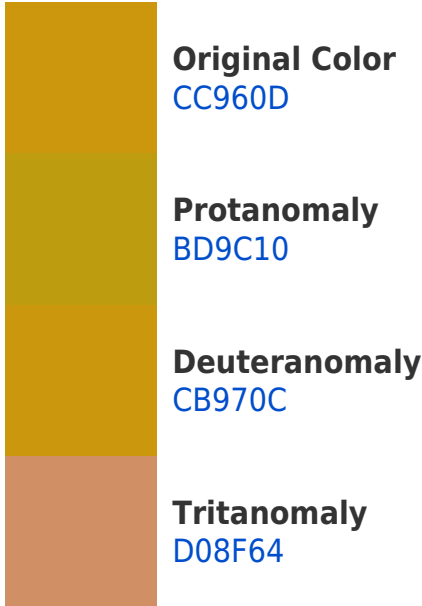
Protanopia
B4A011

Deuteranopia
CA970B



Tritanopia
D38B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC960D 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 #CC960D looks like.

```
.text, #text, p{  
    color:#CC960D  
}
```

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 #CC960D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC960D
}
```

Border

The CSS property to change the border of an element to Hex CC960D 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
#CC960D }
```

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

```
.border{ border-color:#CC960D }
```

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

Here you see how a box with a 4 pixel #CC960D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC960D; -webkit-box-shadow:4px 4px  
4px 4px #CC960D; box-shadow:4px 4px 4px  
4px #CC960D }
```

Background

The CSS property to change the background color of an element to Hex CC960D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC960D }
```

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

```
.background{ background-color:#CC960D }
```

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