

Converting Colors

Hex(CC961E)

Have a look what the booklet for
Hex(CC961E) contains.

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Color

Hex(CC961E)

Conversions

Conversions Part 1

Format	Color
Hex	CC961E
RGB	204, 150, 30
RGB Percent	80%, 59%, 12%
CMY	0.2000, 0.4118, 0.8824
CMYK	0.00, 0.26, 0.85, 0.20
HSL	41°, 74%, 46%
HSV	41°, 85%, 80%
XYZ	36.0425, 34.7438, 6.0349
YIQ	152.4660, 70.7040, -25.8720

Conversions

Conversions Part 2

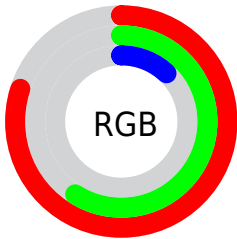
Format	Color
RYB	108, 204, 30
Decimal	13407774
CIELab	65.55, 10.40, 64.35
CIELCh	66, 65.182, 80.817
Yxy	34.7438, 0.4692, 0.4523
Android (android.graphics.Color)	4291597854 (0xFFCC961E)
YUV	152.4660, -60.3757, 45.1953
Hunter-Lab	58.9439, 5.9960, 35.1904

Details

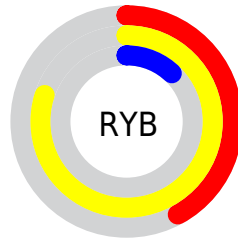
The Hex color **CC961E** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1E54CC**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFCC58**, and **916400** is the 20% darker color. If you saturate the color by 10%, you get **CC900A**, and if you desaturate by 10%, it is **CC9C32**.

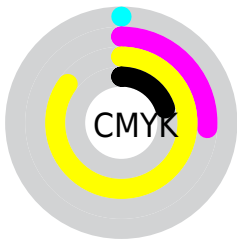
Distribution



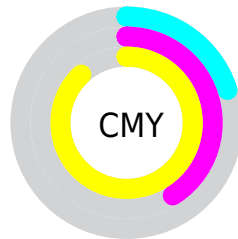
- Red (80%)
- Green (59%)
- Blue (12%)



- Red (42%)
- Yellow (80%)
- Blue (12%)



- Cyan (0%)
- Magenta (26%)
- Yellow (85%)
- Black (20%)



- Cyan (20%)
- Magenta (41%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC961E 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 CC961E by changing the saturation by 10% instead.

 CC961E

 CC961E

FFFFFF

 AE7C00

 FFCC58

 916400

 FFE873

 744C00

 FFFF8E

 583500

 FFFFAA

 3D2000

 FFFFC6

 240B00

 FFFF8E

 000000

 CC961E

 CC961E

 CC900A

 CC9C32

■ CC8D00

■ CCA347

■ CCA95B

■ CCAF70

■ CCB684

■ CCBC98

■ CCC2AD

■ CCC9C1

■ CCCFD6

Harmonies

Analogous

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



F47E45



CC961E



96A823

Triad

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



CC961E



00BBC7



D47EEA

Complementary

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



CC961E



1E54CC

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.



7D97FF



CC961E



00B7F9

Square

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



CC961E



00BA8B



00ABFF



FF69B4

Rectangle

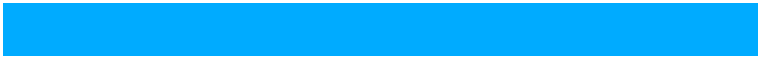
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CC961E



69B140



00ABFF



BD86F8

Sweetspot

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



CC961E



FFEABD



CC1E55



807358



000000



808080

Same Dimension

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



CC961E



FFB000



ACCC1E



66635C



A67200



261A00

Inverse Universe

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



1E54CC



004FFF



3E1ECC



5C5F66



0033A6



000C26

Previews

White Background



This preview shows how the Hex color CC961E looks on a white background.

Color Contrast Check

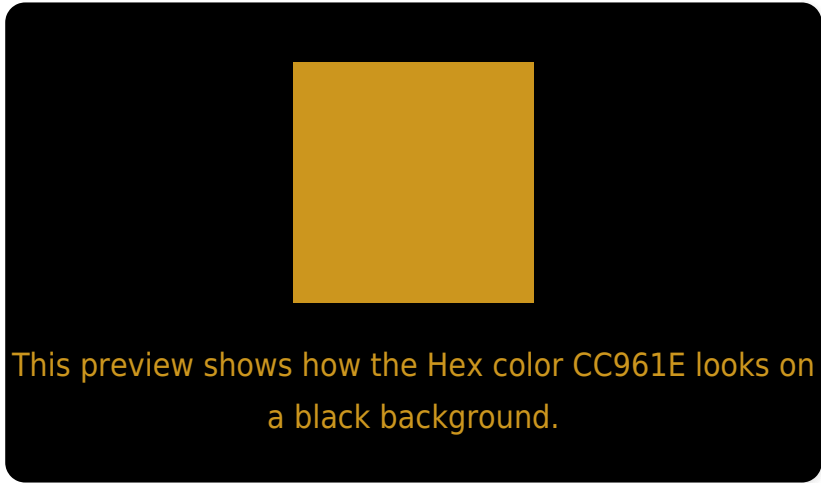
Large Text (above 18pt) WCAG AA × Fail

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 CC961E Background



This preview shows how black text looks on a background with the Hex color CC961E.



This preview shows how white text looks on a background with the Hex color CC961E.

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
CC961E

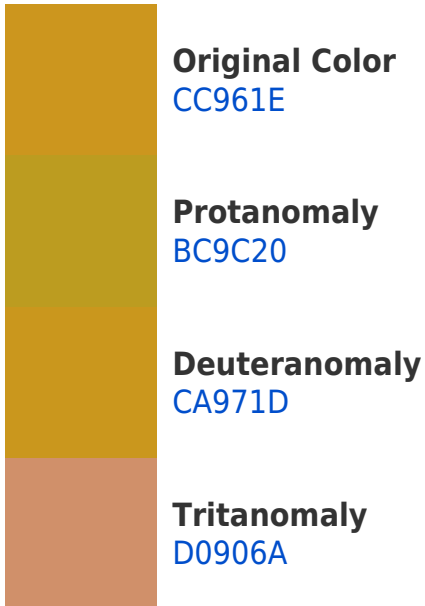
Protanopia
B3A021

Deuteranopia
C9971D



Tritanopia
D38C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC961E 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 #CC961E looks like.

```
.text, #text, p{  
    color:#CC961E  
}
```

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 #CC961E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC961E
}
```

Border

The CSS property to change the border of an element to Hex CC961E 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
#CC961E }
```

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

```
.border{ border-color:#CC961E }
```

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

Here you see how a box with a 4 pixel #CC961E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC961E; -webkit-box-shadow:4px 4px  
4px 4px #CC961E; box-shadow:4px 4px 4px  
4px #CC961E }
```

Background

The CSS property to change the background color of an element to Hex CC961E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC961E }
```

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

```
.background{ background-color:#CC961E }
```

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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