

Converting Colors

Hex(C49D0E)

Have a look what the booklet for
Hex(C49D0E) contains.

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Color

Hex(C49D0E)

Conversions

Conversions Part 1

Format	Color
Hex	C49D0E
RGB	196, 157, 14
RGB Percent	77%, 62%, 5%
CMY	0.2314, 0.3843, 0.9451
CMYK	0.00, 0.20, 0.93, 0.23
HSL	47°, 87%, 41%
HSV	47°, 93%, 77%
XYZ	34.9012, 35.8814, 5.5018
YIQ	152.3590, 69.1470, -36.2050

Conversions

Conversions Part 2

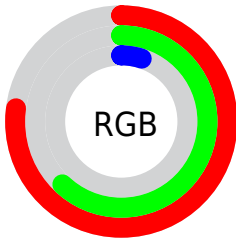
Format	Color
RYB	64, 196, 14
Decimal	12885262
CIELab	66.43, 2.75, 68.18
CIElCh	66, 68.235, 87.693
Yxy	35.8814, 0.4575, 0.4704
Android (android.graphics.Color)	4291075342 (0xFFC49D0E)
YUV	152.3590, -68.2110, 38.2732
Hunter-Lab	59.9011, -0.8244, 36.4851

Details

The Hex color **C49D0E** 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 **0E35C4**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFD350**, and **896A00** is the 20% darker color. If you saturate the color by 10%, you get **C49A00**, and if you desaturate by 10%, it is **C4A122**.

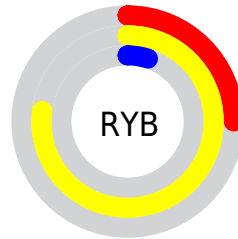
Distribution



Red (77%)

Green (62%)

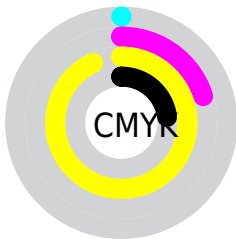
Blue (5%)



Red (25%)

Yellow (77%)

Blue (5%)

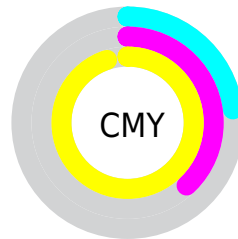


Cyan (0%)

Magenta (20%)

Yellow (93%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color C49D0E 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 C49D0E by changing the saturation by 10% instead.

 C49D0E

 C49D0E

FFFFFF

 A68300

 FFD350

 896A00

 FFEF6C

 6D5200

 FFFF87

 513C00

 FFFFA3

 372600

 FFFFC0

 1E1200

 FFFFDD

 000000

 FFFFFA

 C49D0E

 C49D0E

 C49A00

 C4A122

 C4A535

 C4AA49

 C4AE5C

 C4B270

 C4B684

 C4BA97

 C4BFAB

 C4C3BE

Harmonies

Analogous

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



F28538



C49D0E



88AF26

Triad

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



C49D0E



00BED9



E778E4

Complementary

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



C49D0E



0E35C4

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.



9893FF



C49D0E



00B8FF

Square

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



C49D0E



00BE9B



00AAFF



FF65A9

Rectangle

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



C49D0E



53B649



00AAFF



D281F5

Sweetspot

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



C49D0E



FFF0B8



C40E35



807654



000000



808080

Same Dimension

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



C49D0E



FFC800



90C40E



615F57



A17E00



211A00

Inverse Universe

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



0E35C4



0037FF



420EC4



575961



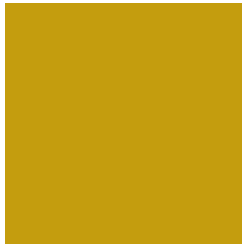
0022A1



000721

Previews

White Background



This preview shows how the Hex color C49D0E looks on a white background.

Color Contrast Check

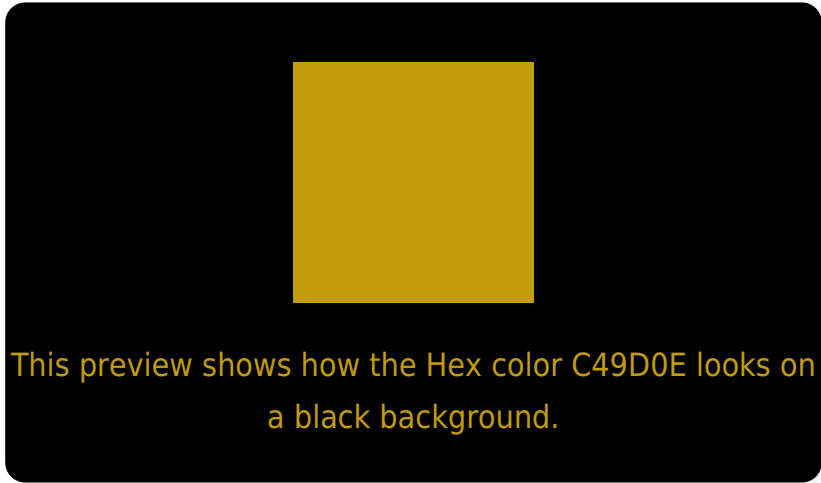
Large Text (above 18pt) WCAG AA × Fail

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 C49D0E Background



This preview shows how black text looks on a background with the Hex color C49D0E.



This preview shows how white text looks on a background with the Hex color C49D0E.

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

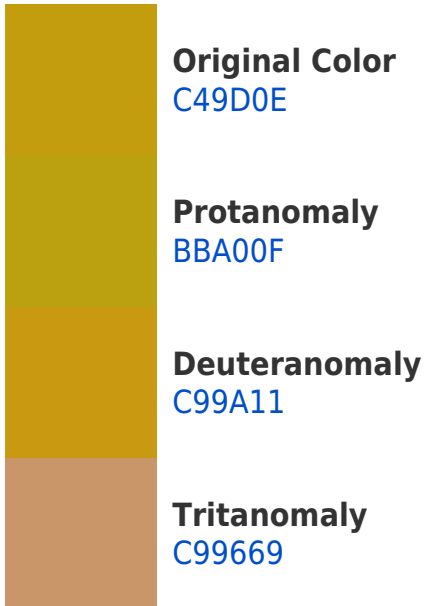


Original Color
C49D0E

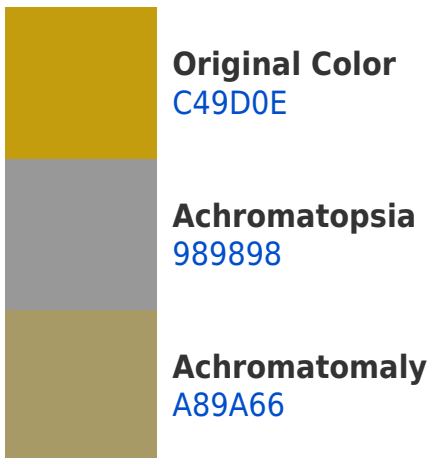
Protanopia
B6A210

Deuteranopia
CC9913

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C49D0E 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 #C49D0E looks like.

```
.text, #text, p{  
    color:#C49D0E  
}
```

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 #C49D0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49D0E
}
```

Border

The CSS property to change the border of an element to Hex C49D0E 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
#C49D0E }
```

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

```
.border{ border-color:#C49D0E }
```

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

Here you see how a box with a 4 pixel #C49D0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49D0E; -webkit-box-shadow:4px 4px  
4px 4px #C49D0E; box-shadow:4px 4px 4px  
4px #C49D0E }
```

Background

The CSS property to change the background color of an element to Hex C49D0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49D0E }
```

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

```
.background{ background-color:#C49D0E }
```

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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