

Converting Colors

Hex(C49914)

Have a look what the booklet for
Hex(C49914) contains.

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Color

Hex(C49914)

Conversions

Conversions Part 1

Format	Color
Hex	C49914
RGB	196, 153, 20
RGB Percent	77%, 60%, 8%
CMY	0.2314, 0.4000, 0.9216
CMYK	0.00, 0.22, 0.90, 0.23
HSL	45°, 81%, 42%
HSV	45°, 90%, 77%
XYZ	34.2825, 34.5687, 5.5274
YIQ	150.6950, 68.3210, -32.2470

Conversions

Conversions Part 2

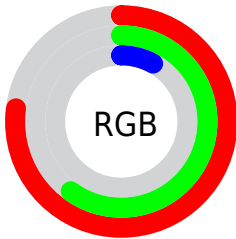
Format	Color
RYB	77, 196, 20
Decimal	12884244
CIELab	65.41, 5.00, 66.31
CIELCh	65, 66.499, 85.684
Yxy	34.5687, 0.4609, 0.4648
Android (android.graphics.Color)	4291074324 (0xFFC49914)
YUV	150.6950, -64.4326, 39.7325
Hunter-Lab	58.7952, 1.1887, 35.5827

Details

The Hex color **C49914** 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 **143FC4**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFCF52**, and **896600** is the 20% darker color. If you saturate the color by 10%, you get **C49400**, and if you desaturate by 10%, it is **C49E28**.

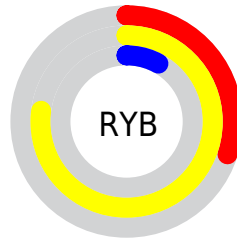
Distribution



Red (77%)

Green (60%)

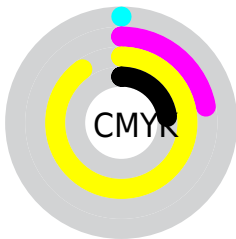
Blue (8%)



Red (30%)

Yellow (77%)

Blue (8%)

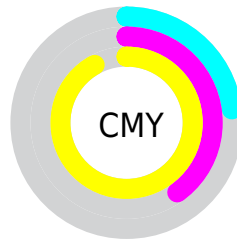


Cyan (0%)

Magenta (22%)

Yellow (90%)

Black (23%)



Cyan (23%)

Magenta (40%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color C49914 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 C49914 by changing the saturation by 10% instead.

 C49914

 C49914

FFFFFF

 A67F00


 FFCF52

 896600

 FFE86D

 6D4F00

 FFFF89

 513800

 FFFFA5

 372300

 FFFFC1

 1E0E00

 FFFFDE

 000000

 FFFFFB

 C49914

 C49914

 C49400

 C49E28

 C4A33B

 C4A74F

 C4AC62

 C4B176

 C4B68A

 C4BB9D

 C4BFB1

 C4C4C4

Harmonies

Analogous

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



F0813B



C49914



8BAB25

Triad

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



C49914



00BBD1



DE78E3

Complementary

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



C49914



143FC4

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.



8E93FF



C49914



00B5FF

Square

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



C49914



00BA94



00A8FF



FF65AA

Rectangle

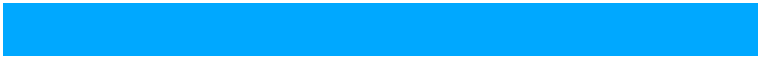
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C49914



59B246



00A8FF



C981F3

Sweetspot

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



C49914



FFEEBA



C41440



807657



000000



808080

Same Dimension

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



C49914



FFC100



98C414



615F57



A17900



211900

Inverse Universe

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



143FC4



003EFF



4014C4



575A61



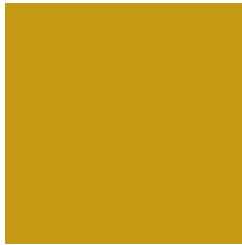
0027A1



000821

Previews

White Background



This preview shows how the Hex color C49914 looks on a white background.

Color Contrast Check

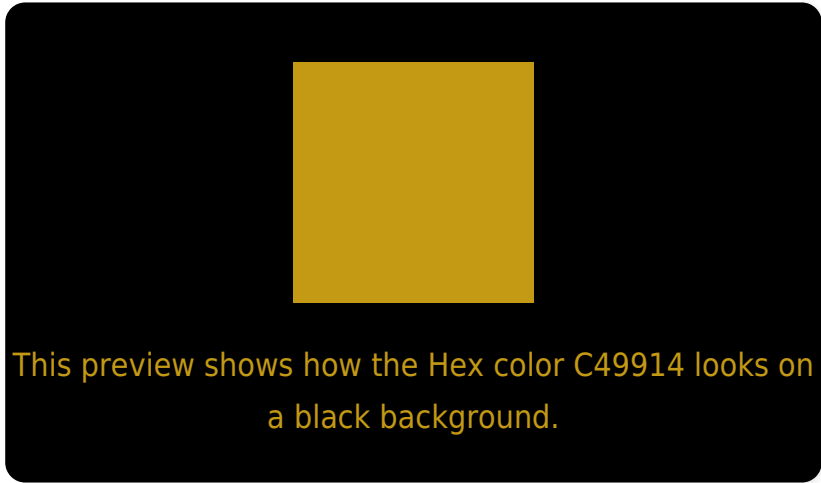
Large Text (above 18pt) WCAG AA × Fail

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 C49914 Background



This preview shows how black text looks on a background with the Hex color C49914.



This preview shows how white text looks on a background with the Hex color C49914.

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

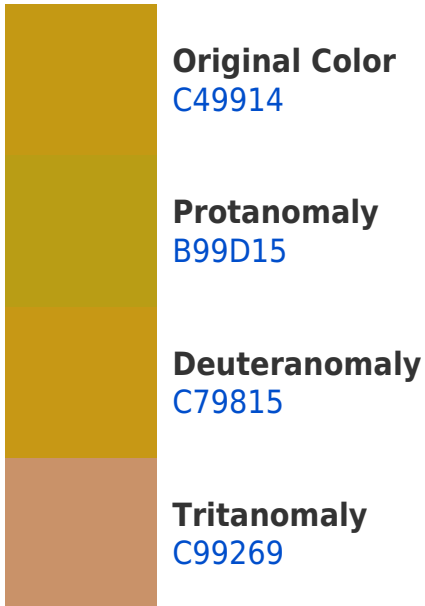


Original Color
C49914

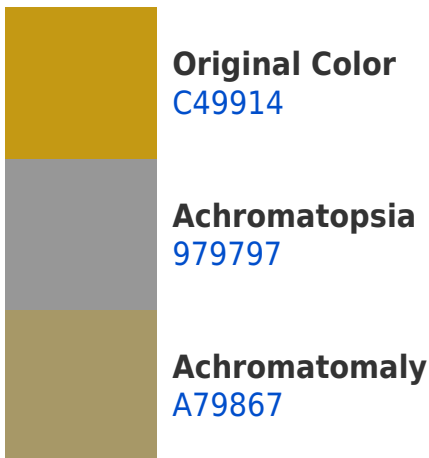
Protanopia
B3A016

Deuteranopia
C99716

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C49914 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 #C49914 looks like.

```
.text, #text, p{  
    color:#C49914  
}
```

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 #C49914 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49914
}
```

Border

The CSS property to change the border of an element to Hex C49914 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
#C49914 }
```

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

```
.border{ border-color:#C49914 }
```

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

Here you see how a box with a 4 pixel #C49914 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49914; -webkit-box-shadow:4px 4px  
4px 4px #C49914; box-shadow:4px 4px 4px  
4px #C49914 }
```

Background

The CSS property to change the background color of an element to Hex C49914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49914 }
```

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

```
.background{ background-color:#C49914 }
```

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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