

Converting Colors

Hex(C09500)

Have a look what the booklet for
Hex(C09500) contains.

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Color

Hex(C09500)

Conversions

Conversions Part 1

Format	Color
Hex	C09500
RGB	192, 149, 0
RGB Percent	75%, 58%, 0%
CMY	0.2471, 0.4157, 1.0000
CMYK	0.00, 0.22, 1.00, 0.25
HSL	47°, 100%, 38%
HSV	47°, 100%, 75%
XYZ	32.4857, 32.7014, 4.5998
YIQ	144.8710, 73.4570, -37.2230

Conversions

Conversions Part 2

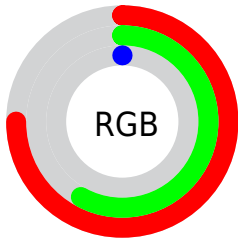
Format	Color
RYB	55, 192, 0
Decimal	12621056
CIELab	63.92, 5.11, 68.13
CIELCh	64, 68.326, 85.710
Yxy	32.7014, 0.4655, 0.4686
Android (android.graphics.Color)	4290811136 (0xFFC09500)
YUV	144.8710, -71.4214, 41.3321
Hunter-Lab	57.1851, 1.3282, 35.2604

Details

The Hex color **C09500** 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 **002BC0**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FDCB49**, and **856300** is the 20% darker color. If you saturate the color by 10%, you get **C09500**, and if you desaturate by 10%, it is **C09913**.

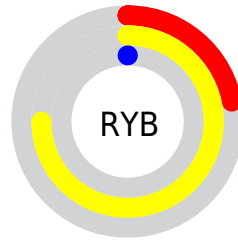
Distribution



Red (75%)

Green (58%)

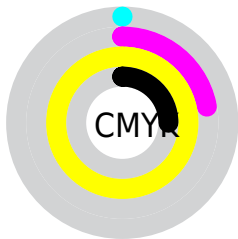
Blue (0%)



Red (22%)

Yellow (75%)

Blue (0%)

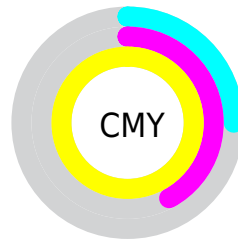


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C09500 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 C09500 by changing the saturation by 10% instead.

 C09500

 C09500

FFFFFF

 A27B00

 FDCB49

 856300

 FFE765

 694B00

 FFFF81

 4D3500

 FFFF9C

 332000

 FFFFFB9

 1B0A00

 FFFFFD5

 000000

 FFFFF3

 C09500

 C09913

 C09E26

 C0A23A

 C0A64D

 C0AB60

 C0AF73

 C0B386

 C0B79A

 C0BCAD

Harmonies

Analogous

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



ED7C34



C09500



85A71A

Triad

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



C09500



00B7CE



DC72E0

Complementary

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



C09500



002BC0

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.



898EFF



C09500



00B2FF

Square

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



C09500



00B790



00A5FF



FF5EA6

Rectangle

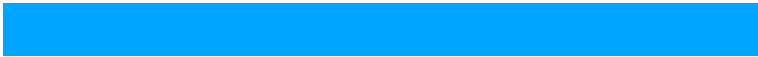
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C09500



52AF3F



00A5FF



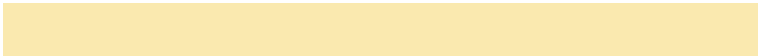
C67CF1

Sweetspot

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



C09500



FAE9AF



C0002D



7D7350



FCFCFC



7D7D7D

Same Dimension

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



C09500



FAC200



8DC000



615F57



A17D00



211A00

Inverse Universe

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



002BC0



0038FA



3300C0



575961



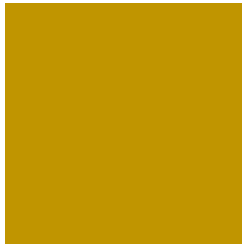
0024A1



000721

Previews

White Background



This preview shows how the Hex color C09500 looks on a white background.

Color Contrast Check

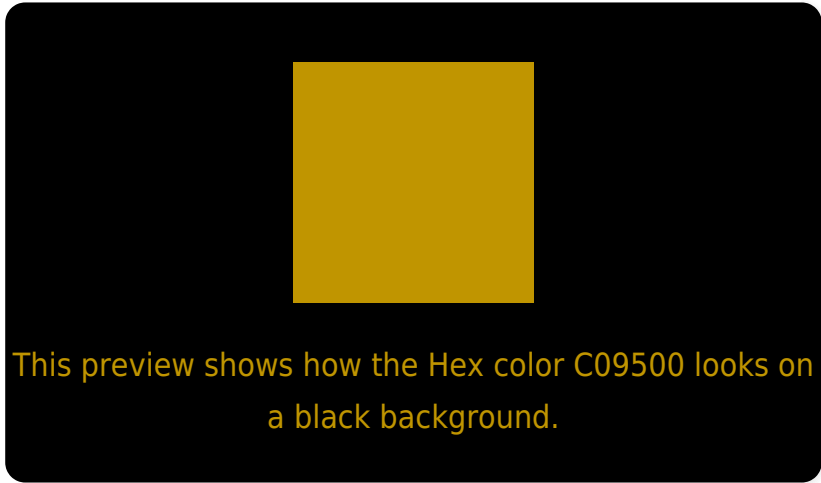
Large Text (above 18pt) WCAG AA × Fail

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 C09500 Background



This preview shows how black text looks on a background with the Hex color C09500.



This preview shows how white text looks on a background with the Hex color C09500.

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
C09500

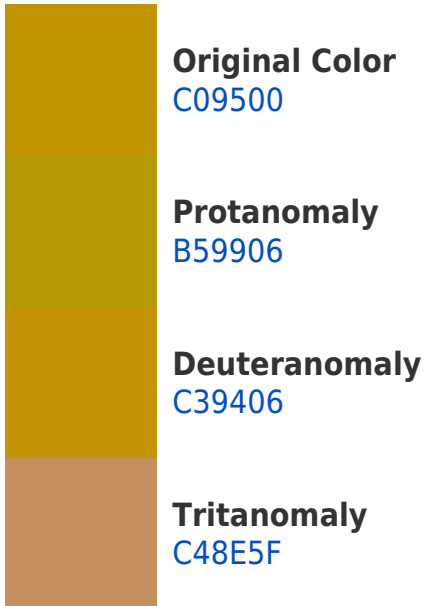
Protanopia
AF9C0A

Deuteranopia
C4930A

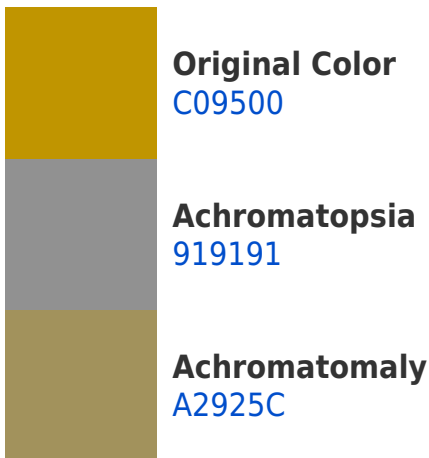


Tritanopia
C78A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C09500 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 #C09500 looks like.

```
.text, #text, p{  
    color:#C09500  
}
```

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 #C09500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C09500
}
```

Border

The CSS property to change the border of an element to Hex C09500 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
#C09500 }
```

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

```
.border{ border-color:#C09500 }
```

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

Here you see how a box with a 4 pixel #C09500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C09500; -webkit-box-shadow:4px 4px  
4px 4px #C09500; box-shadow:4px 4px 4px  
4px #C09500 }
```

Background

The CSS property to change the background color of an element to Hex C09500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C09500 }
```

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

```
.background{ background-color:#C09500 }
```

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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