

Converting Colors

Hex(C09C40)

Have a look what the booklet for
Hex(C09C40) contains.

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Color

Hex(C09C40)

Conversions

Conversions Part 1

Format	Color
Hex	C09C40
RGB	192, 156, 64
RGB Percent	75%, 61%, 25%
CMY	0.2471, 0.3882, 0.7490
CMYK	0.00, 0.19, 0.67, 0.25
HSL	43°, 50%, 50%
HSV	43°, 67%, 75%
XYZ	34.5521, 35.3536, 9.8533
YIQ	156.2760, 50.9880, -20.9800

Conversions

Conversions Part 2

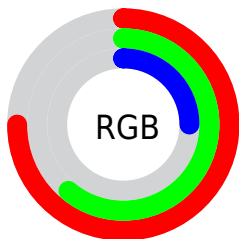
Format	Color
RYB	114, 192, 64
Decimal	12622912
CIELab	66.02, 3.30, 51.63
CIElCh	66, 51.732, 86.343
Yxy	35.3536, 0.4332, 0.4433
Android (android.graphics.Color)	4290812992 (0xFFC09C40)
YUV	156.2760, -45.4921, 31.3299
Hunter-Lab	59.4589, -0.3250, 31.7959

Details

The Hex color **C09C40** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4064C0**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FBD274**, and **876905** is the 20% darker color. If you saturate the color by 10%, you get **C0972D**, and if you desaturate by 10%, it is **C0A153**.

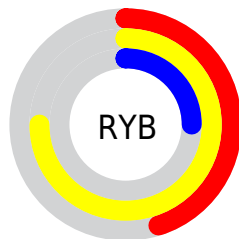
Distribution



Red (75%)

Green (61%)

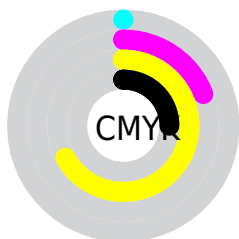
Blue (25%)



Red (45%)

Yellow (75%)

Blue (25%)

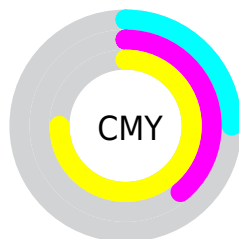


Cyan (0%)

Magenta (19%)

Yellow (67%)

Black (25%)



Cyan (25%)

Magenta (39%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C09C40 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 C09C40 by changing the saturation by 10% instead.



C09C40



C09C40

FFFFFF



A38226



FBD274



876905



FFEE8F



6B5100



FFFFAA



513A00



FFFFC6



362500



FFFFE2



1E1100



000000



C09C40



C09C40



C0972D



C0A153

 C0911A

 C0A766

 C08C06

 C0AC7A

 C08A00

 C0B28D

 C0B7A0

 C0BCB3

 C0C2C6

 C0C7DA

 C0CDED

Harmonies

Analogous

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



E38B54



C09C40



92AA49

Triad

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



C09C40



00B7C8



D484D5

Complementary

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



C09C40



4064C0

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.



9A97F4



C09C40



00B2ED

Square

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



C09C40



00B799



2EA7FD



F279A8

Rectangle

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



C09C40



6EB15E



2EA7FD



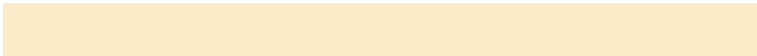
C48AE1

Sweetspot

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



C09C40



FAECC8



C04064



7D755F



FCFCFC



7D7D7D

Same Dimension

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



C09C40



FAC232



A4C040



615E57



A17300



211800

Inverse Universe

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



4064C0



326AFA



5C40C0



575A61



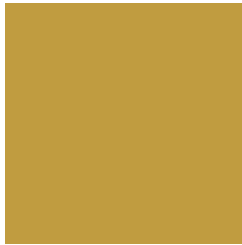
002DA1



000921

Previews

White Background



This preview shows how the Hex color C09C40 looks on a white background.

Color Contrast Check

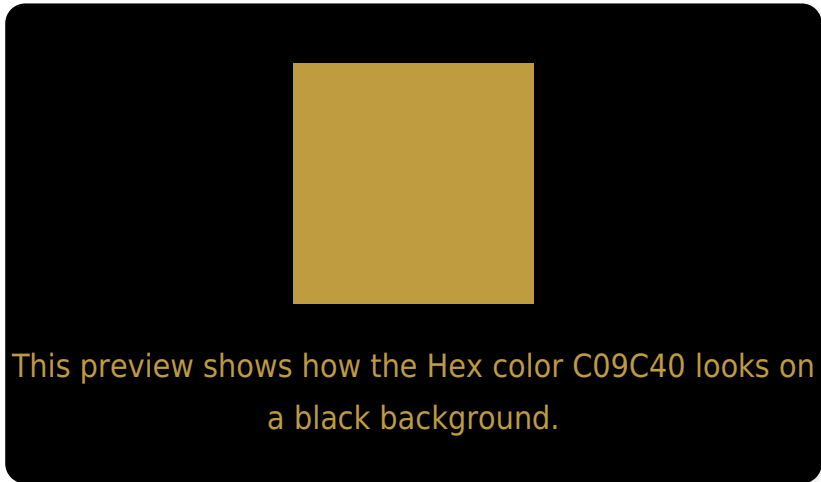
Large Text (above 18pt) WCAG AA × Fail

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 C09C40 Background



This preview shows how black text looks on a background with the Hex color C09C40.



This preview shows how white text looks on a background with the Hex color C09C40.

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
C09C40

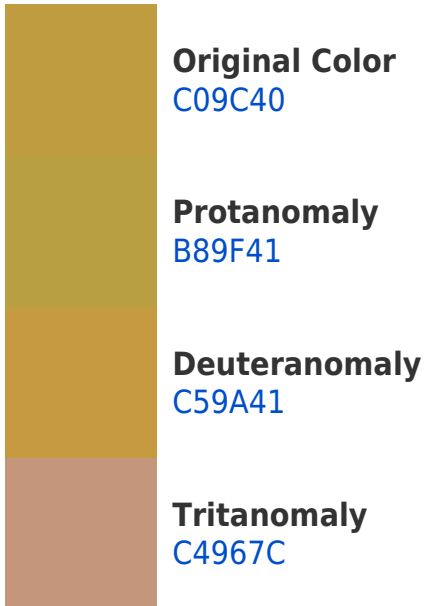
Protanopia
B3A141

Deuteranopia
C89941



Tritanopia
C7929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C09C40 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 #C09C40 looks like.

```
.text, #text, p{  
    color:#C09C40  
}
```

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 #C09C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C09C40
}
```

Border

The CSS property to change the border of an element to Hex C09C40 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
#C09C40 }
```

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

```
.border{ border-color:#C09C40 }
```

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

Here you see how a box with a 4 pixel #C09C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C09C40; -webkit-box-shadow:4px 4px  
4px 4px #C09C40; box-shadow:4px 4px 4px  
4px #C09C40 }
```

Background

The CSS property to change the background color of an element to Hex C09C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C09C40 }
```

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

```
.background{ background-color:#C09C40 }
```

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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