

Converting Colors

Hex(C0901F)

Have a look what the booklet for
Hex(C0901F) contains.

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Color

Hex(C0901F)

Conversions

Conversions Part 1

Format	Color
Hex	C0901F
RGB	192, 144, 31
RGB Percent	75%, 56%, 12%
CMY	0.2471, 0.4353, 0.8784
CMYK	0.00, 0.25, 0.84, 0.25
HSL	42°, 72%, 44%
HSV	42°, 84%, 75%
XYZ	31.9588, 31.2519, 5.6441
YIQ	145.4700, 64.8810, -24.9670

Conversions

Conversions Part 2

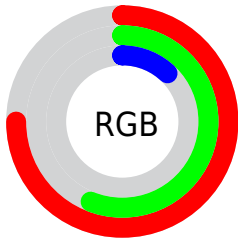
Format	Color
R_{YB}	99, 192, 31
Decimal	12619807
CIE _{Lab}	62.72, 8.38, 61.15
CIE _{LCh}	63, 61.723, 82.200
Yxy	31.2519, 0.4641, 0.4539
Android (android.graphics.Color)	4290809887 (0xFFC0901F)
YUV	145.4700, -56.4337, 40.8068
Hunter-Lab	55.9034, 4.2137, 33.1463

Details

The Hex color **C0901F** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **1F4FC0**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FCC657**, and **865E00** is the 20% darker color. If you saturate the color by 10%, you get **C08A0C**, and if you desaturate by 10%, it is **C09632**.

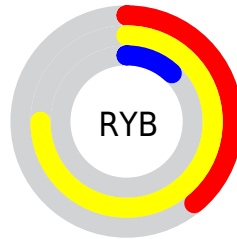
Distribution



Red (75%)

Green (56%)

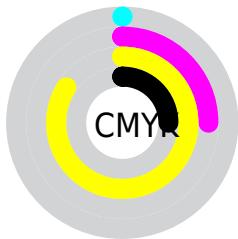
Blue (12%)



Red (39%)

Yellow (75%)

Blue (12%)

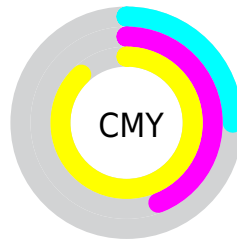


Cyan (0%)

Magenta (25%)

Yellow (84%)

Black (25%)



Cyan (25%)

Magenta (44%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0901F 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 C0901F by changing the saturation by 10% instead.

 C0901F

 C0901F

FFFFFF

 A37700

 FCC657

 865E00

 FFE172

 6A4700

 FFFE8D

 4E3000

 FFFFA9

 331C00

 FFFFC5

 1B0300

 FFFF2

 000000

 C0901F

 C0901F

 C08A0C

 C09632

 C08700

 C09B45

 C0A159

 C0A76C

 C0AD7F

 C0B292

 C0B8A5

 C0BEB9

 C0C4CC

Harmonies

Analogous

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



E77A41



C0901F



8CA126

Triad

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



C0901F



00B2C0



CC77DC

Complementary

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



C0901F



1F4FC0

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.



7E8FFE



C0901F



00ADEE

Square

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



C0901F



00B187



00A2FF



F365A8

Rectangle

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



C0901F



62A941



00A2FF



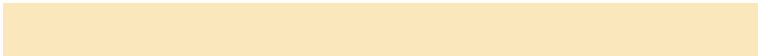
B77FEA

Sweetspot

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



C0901F



FAE7BB



C01F4F



7D7257



FCFCFC



7D7D7D

Same Dimension

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



C0901F



FAAF00



A0C01F



615E57



A17100



211700

Inverse Universe

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



1F4FC0



004BFA



3F1FC0



575A61



0030A1



000A21

Previews

White Background



This preview shows how the Hex color C0901F looks on a white background.

Color Contrast Check

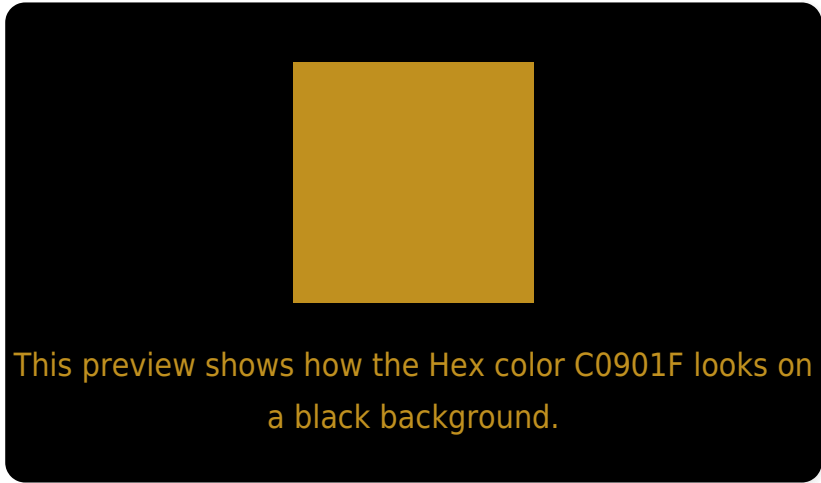
Large Text (above 18pt) WCAG AA × Fail

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 C0901F Background



This preview shows how black text looks on a background with the Hex color C0901F.



This preview shows how white text looks on a background with the Hex color C0901F.

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
C0901F

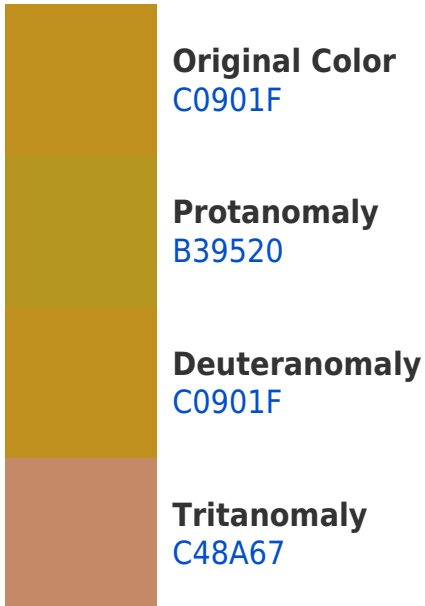
Protanopia
AB9821

Deuteranopia
C0901F



Tritanopia
C78690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C0901F 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 #C0901F looks like.

```
.text, #text, p{  
    color:#C0901F  
}
```

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 #C0901F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0901F
}
```

Border

The CSS property to change the border of an element to Hex C0901F 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
#C0901F }
```

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

```
.border{ border-color:#C0901F }
```

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

Here you see how a box with a 4 pixel #C0901F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0901F; -webkit-box-shadow:4px 4px  
4px 4px #C0901F; box-shadow:4px 4px 4px  
4px #C0901F }
```

Background

The CSS property to change the background color of an element to Hex C0901F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0901F }
```

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

```
.background{ background-color:#C0901F }
```

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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