

Converting Colors

Hex(F69302)

Have a look what the booklet for
Hex(F69302) contains.

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Color

Hex(F69302)

Conversions

Conversions Part 1

Format	Color
Hex	F69302
RGB	246, 147, 2
RGB Percent	96%, 58%, 1%
CMY	0.0353, 0.4235, 0.9922
CMYK	0.00, 0.40, 0.99, 0.04
HSL	36°, 98%, 49%
HSV	36°, 99%, 96%
XYZ	48.4507, 40.4647, 5.3143
YIQ	160.0710, 105.5490, -24.1070

Conversions

Conversions Part 2

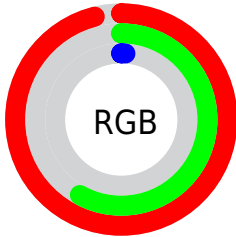
Format	Color
R _Y B	169, 246, 2
Decimal	16159490
CIE Lab	69.80, 29.59, 74.84
CIE LCh	70, 80.477, 68.427
Yxy	40.4647, 0.5142, 0.4294
Android (android.graphics.Color)	4294349570 (0xFFFF69302)
YUV	160.0710, -77.9290, 75.3597
Hunter-Lab	63.6118, 24.6360, 39.5751

Details

The Hex color **F69302** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **0265F6**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFC94C**, and **B76000** is the 20% darker color. If you saturate the color by 10%, you get **F69200**, and if you desaturate by 10%, it is **F69D1B**.

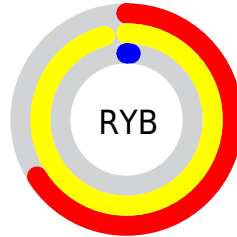
Distribution



Red (96%)

Green (58%)

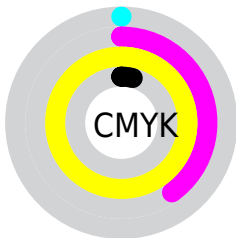
Blue (1%)



Red (66%)

Yellow (96%)

Blue (1%)

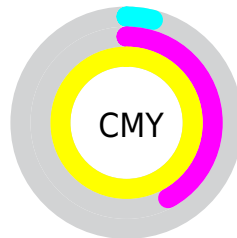


Cyan (0%)

Magenta (40%)

Yellow (99%)

Black (4%)



Cyan (4%)

Magenta (42%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color F69302 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 F69302 by changing the saturation by 10% instead.

 F69302

 F69302

FFFFFF

 D67900

 FFC94C

 B76000

 FFE668

 984700

 FFFF84

 7A3000

 FFFFA0

 5C1800

 FFFFBD

 400000

 FFFFDA

 2A0001

 FFFFF7

 000000

 F69302

 F69302

 F69200

 F69D1B

 F6A733

 F6B14C

 F6BB64

 F6C57D

 F6CF96

 F6D9AE

 F6E3C7

 F6EDDF

Harmonies

Analogous

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



FF7253



F69302



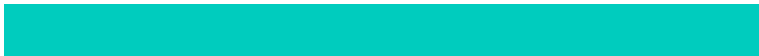
B9AE00

Triad

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



F69302



00CCBE



C68DFE

Complementary

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



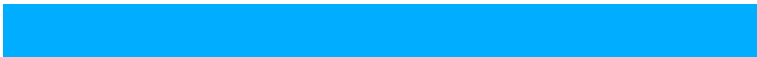
F69302



0265F6

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.



00ADFF



F69302



00CAFF

Square

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



F69302



00C872



00C1FF



FF6AE2

Rectangle

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



F69302



88BA00



00C1FF



9E99FF

Sweetspot

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



F69302



FFE0B3



F60268



806D52



000000



808080

Same Dimension

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



F69302



FF9800



E2F602



7A756E



BA6F00



3B2300

Inverse Universe

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



0265F6



0067FF



1602F6



6E737A



004CBA



00183B

Previews

White Background



This preview shows how the Hex color F69302 looks on a white background.

Color Contrast Check

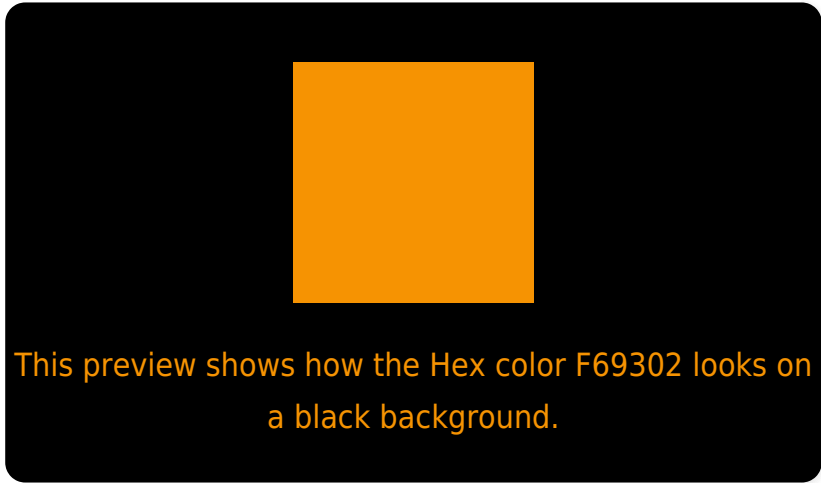
Large Text (above 18pt) WCAG AA × Fail

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 F69302 Background



This preview shows how black text looks on a background with the Hex color F69302.



This preview shows how white text looks on a background with the Hex color F69302.

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

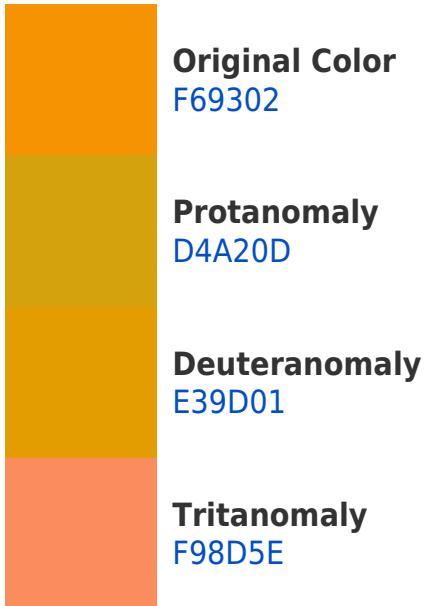


Original Color
F69302

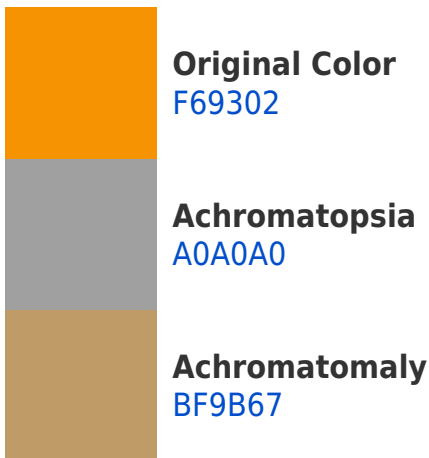
Protanopia
C1AB13

Deuteranopia
D8A200

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F69302 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 #F69302 looks like.

```
.text, #text, p{  
    color:#F69302  
}
```

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 #F69302 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F69302
}
```

Border

The CSS property to change the border of an element to Hex F69302 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
#F69302 }
```

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

```
.border{ border-color:#F69302 }
```

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

Here you see how a box with a 4 pixel #F69302 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F69302; -webkit-box-shadow:4px 4px  
4px 4px #F69302; box-shadow:4px 4px 4px  
4px #F69302 }
```

Background

The CSS property to change the background color of an element to Hex F69302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F69302 }
```

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

```
.background{ background-color:#F69302 }
```

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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