

Converting Colors

Hex(F4A609)

Have a look what the booklet for
Hex(F4A609) contains.

Hex(F4A609)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F4A609)

Conversions

Conversions Part 1

Format	Color
Hex	F4A609
RGB	244, 166, 9
RGB Percent	96%, 65%, 4%
CMY	0.0431, 0.3490, 0.9647
CMYK	0.00, 0.32, 0.96, 0.04
HSL	40°, 93%, 50%
HSV	40°, 96%, 96%
XYZ	50.9938, 46.5253, 6.5511
YIQ	171.4240, 96.8850, -32.2910

Conversions

Conversions Part 2

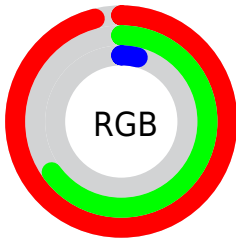
Format	Color
RYB	126, 244, 9
Decimal	16033289
CIELab	73.89, 18.85, 76.60
CIELCh	74, 78.889, 76.177
Yxy	46.5253, 0.4900, 0.4471
Android (android.graphics.Color)	4294223369 (0xFFFF4A609)
YUV	171.4240, -80.0750, 63.6492
Hunter-Lab	68.2094, 14.0811, 42.0522

Details

The Hex color **F4A609** 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 **0957F4**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFDD52**, and **B67200** is the 20% darker color. If you saturate the color by 10%, you get **F4A300**, and if you desaturate by 10%, it is **F4AE21**.

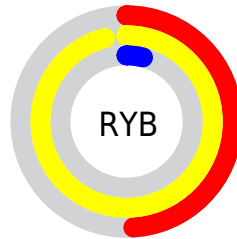
Distribution



Red (96%)

Green (65%)

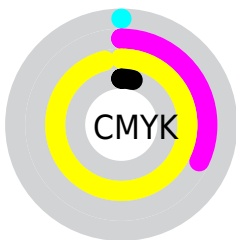
Blue (4%)



Red (49%)

Yellow (96%)

Blue (4%)

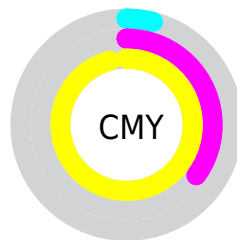


Cyan (0%)

Magenta (32%)

Yellow (96%)

Black (4%)



Cyan (4%)

Magenta (35%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color F4A609 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 F4A609 by changing the saturation by 10% instead.

 F4A609

 F4A609

FFFFFF

 D58C00

 FFDD52

 B67200

 FFF96E

 985A00

 FFFF8A

 7A4200

 FFFFA7

 5D2C00

 FFFFC4

 411700

 FFFF E1

 280000

FFFFFFE

 000000

 F4A609

 F4A609

 F4A300

 F4AE21

 F4B63A

 F4BE52

 F4C66B

 F4CE83

 F4D79B

 F4DFB4

 F4E7CC

 F4EFE5

Harmonies

Analogous

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



FF874F



F4A609



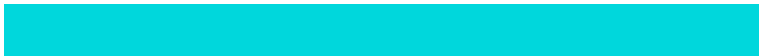
B4BE00

Triad

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



F4A609



00D7DC



EA90FF

Complementary

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



F4A609



0957F4

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.



69B0FF



F4A609



00D3FF

Square

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



F4A609



00D590



00C7FF



FF71DA

Rectangle

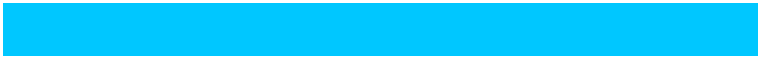
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F4A609



7EC932



00C7FF



CA9BFF

Sweetspot

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



F4A609



FFE6B5



F40957



807153



000000



808080

Same Dimension

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



F4A609



FFAA00



CDF409



7A766E



BA7C00



3B2700

Inverse Universe

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



0957F4



0055FF



3009F4



6E727A



003EBA



00133B

Previews

White Background



This preview shows how the Hex color F4A609 looks on a white background.

Color Contrast Check

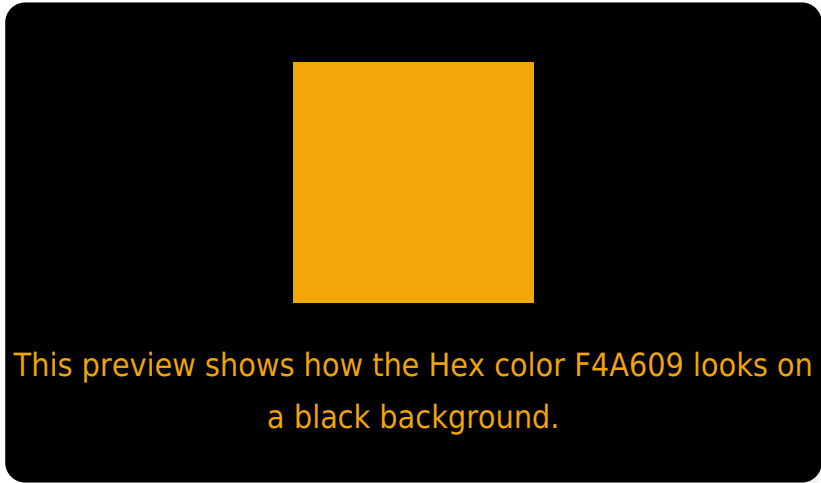
Large Text (above 18pt) WCAG AA × Fail

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 F4A609 Background



This preview shows how black text looks on a background with the Hex color F4A609.



This preview shows how white text looks on a background with the Hex color F4A609.

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
F4A609

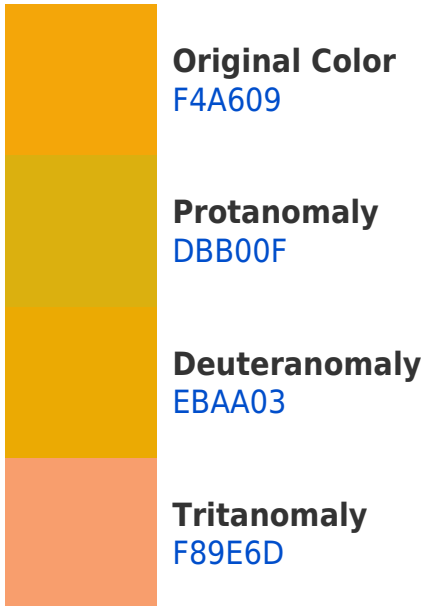
Protanopia
CDB612

Deuteranopia
E6AD00

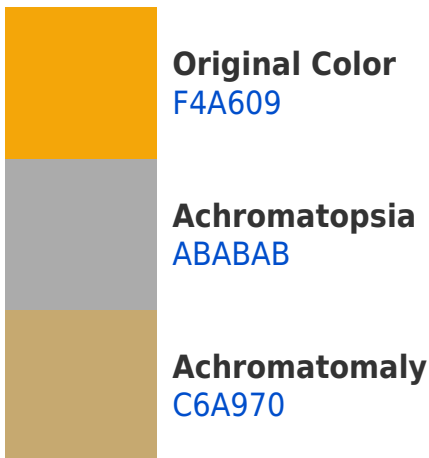


Tritanopia
FB9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F4A609 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 #F4A609 looks like.

```
.text, #text, p{  
    color:#F4A609  
}
```

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 #F4A609 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4A609
}
```

Border

The CSS property to change the border of an element to Hex F4A609 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
#F4A609 }
```

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

```
.border{ border-color:#F4A609 }
```

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

Here you see how a box with a 4 pixel #F4A609 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4A609; -webkit-box-shadow:4px 4px  
4px 4px #F4A609; box-shadow:4px 4px 4px  
4px #F4A609 }
```

Background

The CSS property to change the background color of an element to Hex F4A609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4A609 }
```

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

```
.background{ background-color:#F4A609 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor