

Converting Colors

Hex(F47004)

Have a look what the booklet for
Hex(F47004) contains.

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Color

Hex(F47004)

Conversions

Conversions Part 1

Format	Color
Hex	F47004
RGB	244, 112, 4
RGB Percent	96%, 44%, 2%
CMY	0.0431, 0.5608, 0.9843
CMYK	0.00, 0.54, 0.98, 0.04
HSL	27°, 97%, 49%
HSV	27°, 98%, 96%
XYZ	43.1243, 30.8302, 3.7928
YIQ	139.1560, 113.3400, -5.6040

Conversions

Conversions Part 2

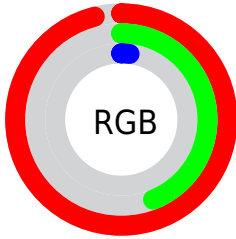
Format	Color
R_{YB}	244, 200, 4
Decimal	16019460
CIE _{Lab}	62.36, 46.43, 69.79
CIE _{LCh}	62, 83.826, 56.366
Yxy	30.8302, 0.5547, 0.3965
Android (android.graphics.Color)	4294209540 (0xFFFF47004)
YUV	139.1560, -66.6319, 91.9482
Hunter-Lab	55.5250, 41.4661, 34.8175

Details

The Hex color **F47004** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **0488F4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA647**, and **B43B00** is the 20% darker color. If you saturate the color by 10%, you get **F46E00**, and if you desaturate by 10%, it is **F47D1C**.

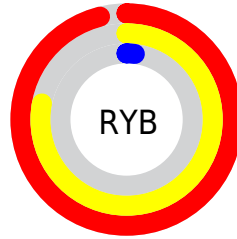
Distribution



Red (96%)

Green (44%)

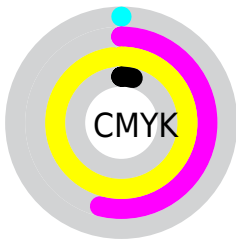
Blue (2%)



Red (96%)

Yellow (78%)

Blue (2%)

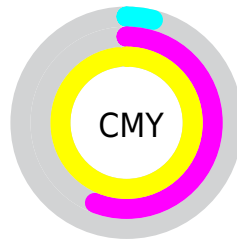


Cyan (0%)

Magenta (54%)

Yellow (98%)

Black (4%)



Cyan (4%)

Magenta (56%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color F47004 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 F47004 by changing the saturation by 10% instead.

 F47004

 F47004

FFFFFF

 D45600

 FFA647

 B43B00

 FFC262

 941F00

 FFDF7D

 750000

 FFFC98

 570000

 FFFFB4

 3C0001

 FFFFD1

 1B0001

 FFFFEE

 000000

 F47004

 F47004

 F46E00

 F47D1C

 F48B35

 F4984D

 F4A666

 F4B37E

 F4C196

 F4CEAF

 F4DBC7

 F4E9E0

Harmonies

Analogous

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



FF485A



F47004



BE9100

Triad

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



F47004



00B68B



7A87FF

Complementary

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



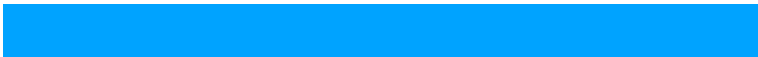
F47004



0488F4

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.



00A3FF



F47004



00B7D7

Square

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



F47004



00B13C



00B2FF



E65FEA

Rectangle

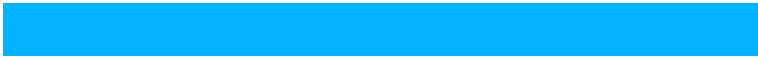
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F47004



90A000



00B2FF



1992FF

Sweetspot

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



F47004



FFD5B3



F40488



806652



000000



808080

Same Dimension

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



F47004



FF7300



F4E804



7A746E



BA5400



3B1A00

Inverse Universe

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



0488F4



008CFF



0410F4



6E757A



0066BA



00203B

Previews

White Background



This preview shows how the Hex color F47004 looks on a white background.

Color Contrast Check

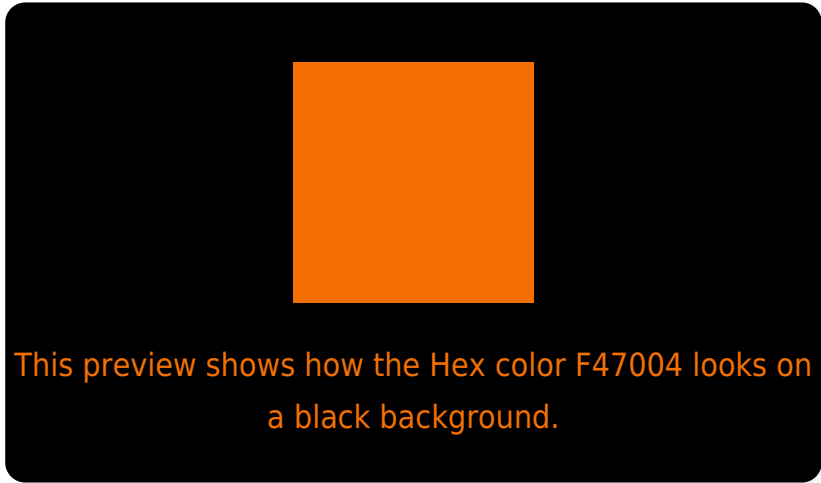
Large Text (above 18pt) WCAG AA × Fail

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 F47004 Background



This preview shows how black text looks on a background with the Hex color F47004.



This preview shows how white text looks on a background with the Hex color F47004.

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
F47004

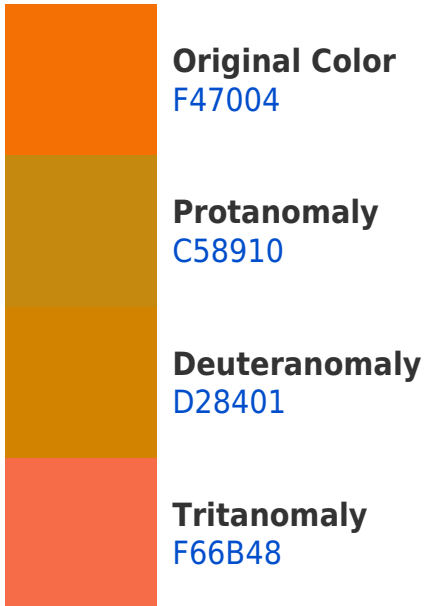
Protanopia
AA9817

Deuteranopia
BF9000

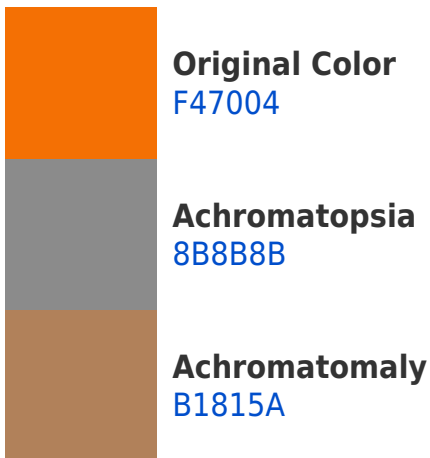


Tritanopia
F7686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F47004 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 #F47004 looks like.

```
.text, #text, p{  
    color:#F47004  
}
```

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 #F47004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F47004
}
```

Border

The CSS property to change the border of an element to Hex F47004 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
#F47004 }
```

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

```
.border{ border-color:#F47004 }
```

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

Here you see how a box with a 4 pixel #F47004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F47004; -webkit-box-shadow:4px 4px  
4px 4px #F47004; box-shadow:4px 4px 4px  
4px #F47004 }
```

Background

The CSS property to change the background color of an element to Hex F47004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F47004 }
```

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

```
.background{ background-color:#F47004 }
```

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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