

Converting Colors

Hex(F97501)

Have a look what the booklet for
Hex(F97501) contains.

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Color

Hex(F97501)

Conversions

Conversions Part 1

Format	Color
Hex	F97501
RGB	249, 117, 1
RGB Percent	98%, 46%, 0%
CMY	0.0235, 0.5412, 0.9961
CMYK	0.00, 0.53, 1.00, 0.02
HSL	28°, 99%, 49%
HSV	28°, 100%, 98%
XYZ	45.4337, 32.8645, 3.9776
YIQ	143.2440, 115.9080, -8.0920

Conversions

Conversions Part 2

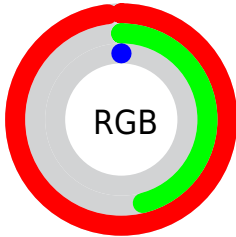
Format	Color
R_{YB}	249, 219, 1
Decimal	16348417
CIE _{Lab}	64.05, 45.90, 71.66
CIE _{LCh}	64, 85.097, 57.360
Yxy	32.8645, 0.5522, 0.3994
Android (android.graphics.Color)	4294538497 (0xFFFF97501)
YUV	143.2440, -70.1263, 92.7480
Hunter-Lab	57.3276, 41.1429, 36.0156

Details

The Hex color **F97501** 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 **0185F9**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFAB47**, and **B94000** is the 20% darker color. If you saturate the color by 10%, you get **F97400**, and if you desaturate by 10%, it is **F9821A**.

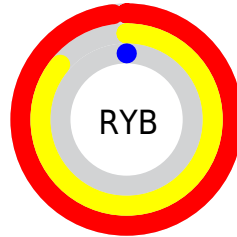
Distribution



Red (98%)

Green (46%)

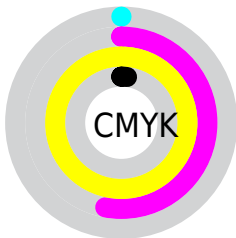
Blue (0%)



Red (98%)

Yellow (86%)

Blue (0%)

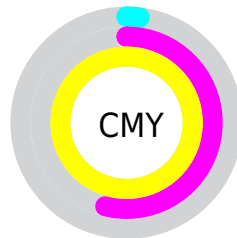


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F97501 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 F97501 by changing the saturation by 10% instead.

 F97501

 F97501

FFFFFF

 D95B00

 FFAB47

 B94000

 FFC762

 992500

 FFE47D

 7A0100

 FFFF99

 5C0000

 FFFFB5

 3F0000

 FFFFD1

 220001

 FFFFEE

 000000

 F97501

 F97501

 F97400

 F9821A

 F99033

 F99D4C

 F9AA65

 F9B77E

 F9C596

 F9D2AF

 F9DFC8

 F9ECE1

Harmonies

Analogous

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



FF4D5B



F97501



C19600

Triad

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



F97501



00BC92



848AFF

Complementary

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



F97501



0185F9

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.



00A7FF



F97501



00BCDF

Square

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



F97501



00B642



00B7FF



EE61EE

Rectangle

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



F97501



92A500



00B7FF



3295FF

Sweetspot

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



F97501



FFD6B3



F90185



806752



000000



808080

Same Dimension

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



F97501



FF7700



F9F101



7D7670



BD5800



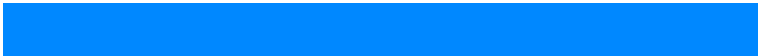
3D1D00

Inverse Universe

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



0185F9



0088FF



0109F9



70777D



0064BD



00213D

Previews

White Background



This preview shows how the Hex color F97501 looks on a white background.

Color Contrast Check

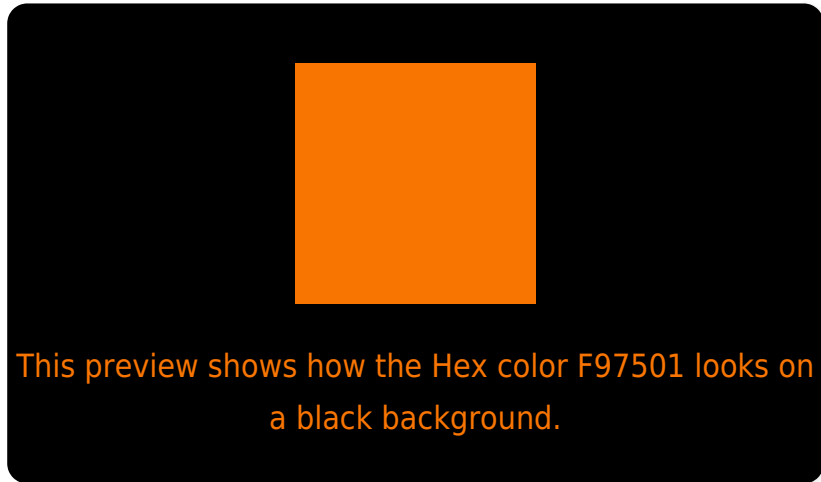
Large Text (above 18pt) WCAG AA × Fail

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 F97501 Background



This preview shows how black text looks on a background with the Hex color F97501.

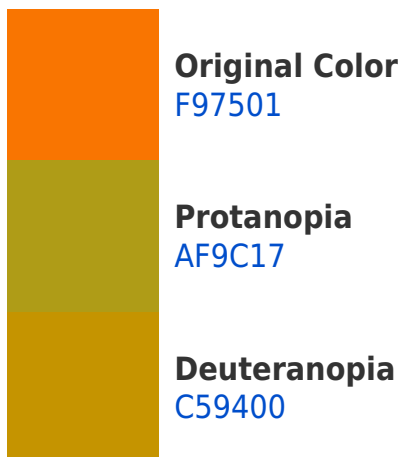


This preview shows how white text looks on a background with the Hex color F97501.

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





Tritanopia
FC6D74

Trichromacy



Original Color
F97501

Protanomaly
CA8E0F

Deuteranomaly
D88900

Tritanomaly
FB704A

Monochromacy



Original Color
F97501

Achromatopsia
8F8F8F

Achromatomaly
B6865B

CSS Examples

Text

The CSS property to change the color of the text to Hex F97501 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 #F97501 looks like.

```
.text, #text, p{  
    color:#F97501  
}
```

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 #F97501 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F97501
}
```

Border

The CSS property to change the border of an element to Hex F97501 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
#F97501 }
```

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

```
.border{ border-color:#F97501 }
```

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

Here you see how a box with a 4 pixel #F97501 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F97501; -webkit-box-shadow:4px 4px  
4px 4px #F97501; box-shadow:4px 4px 4px  
4px #F97501 }
```

Background

The CSS property to change the background color of an element to Hex F97501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F97501 }
```

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

```
.background{ background-color:#F97501 }
```

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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