

Converting Colors

Hex(F77508)

Have a look what the booklet for
Hex(F77508) contains.

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Color

Hex(F77508)

Conversions

Conversions Part 1

Format	Color
Hex	F77508
RGB	247, 117, 8
RGB Percent	97%, 46%, 3%
CMY	0.0314, 0.5412, 0.9686
CMYK	0.00, 0.53, 0.97, 0.03
HSL	27°, 94%, 50%
HSV	27°, 97%, 97%
XYZ	44.7629, 32.5143, 4.1463
YIQ	143.4440, 112.4690, -6.3390

Conversions

Conversions Part 2

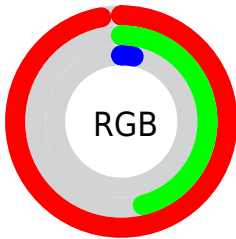
Format	Color
R _Y B	247, 208, 8
Decimal	16217352
CIE Lab	63.77, 45.19, 70.24
CIE LCh	64, 83.524, 57.241
Yxy	32.5143, 0.5498, 0.3993
Android (android.graphics.Color)	4294407432 (0xFFFF77508)
YUV	143.4440, -66.7739, 90.8186
Hunter-Lab	57.0213, 40.3390, 35.6036

Details

The Hex color **F77508** 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 **088AF7**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFAB49**, and **B74100** is the 20% darker color. If you saturate the color by 10%, you get **F77100**, and if you desaturate by 10%, it is **F78221**.

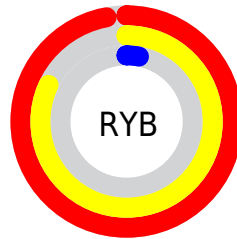
Distribution



Red (97%)

Green (46%)

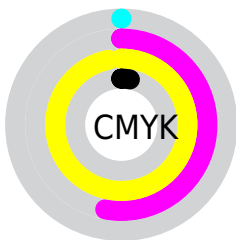
Blue (3%)



Red (97%)

Yellow (82%)

Blue (3%)

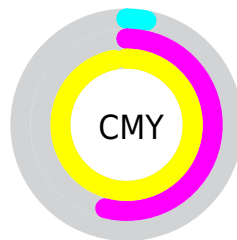


Cyan (0%)

Magenta (53%)

Yellow (97%)

Black (3%)



Cyan (3%)

Magenta (54%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color F77508 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 F77508 by changing the saturation by 10% instead.

 F77508

 F77508

FFFFFF

 D75B00

 FFAB49

 B74100

 FFC764

 972600

 FFE480

 780200

 FFFF9B

 5A0000


 FFFFB7

 3E0000

 FFFFD4

 200001

 FFFFF1

 000000

 F77508

 F77508

 F77100

 F78221

 F79039

 F79D52

 F7AB6B

 F7B883

 F7C69C

 F7D3B5

 F7E0CE

 F7EEE6

Harmonies

Analogous

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



FF4E5B



F77508



C09500

Triad

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



F77508



00BA91



848AFF

Complementary

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



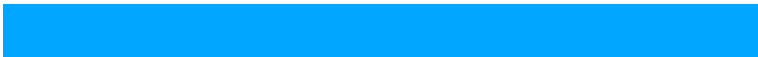
F77508



088AF7

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.



00A6FF



F77508



00BBDD

Square

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



F77508



00B543



00B5FF



EC62EC

Rectangle

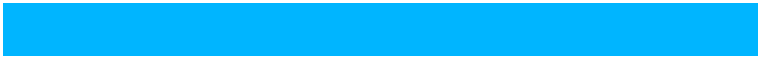
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F77508



92A400



00B5FF



3795FF

Sweetspot

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



F77508



FFD7B5



F7088B



806753



000000



808080

Same Dimension

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



F77508



FF7400



F7EB08



7A746E



BA5500



3B1B00

Inverse Universe

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



088AF7



008BFF



0814F7



6E757A



0065BA



00203B

Previews

White Background



This preview shows how the Hex color F77508 looks on a white background.

Color Contrast Check

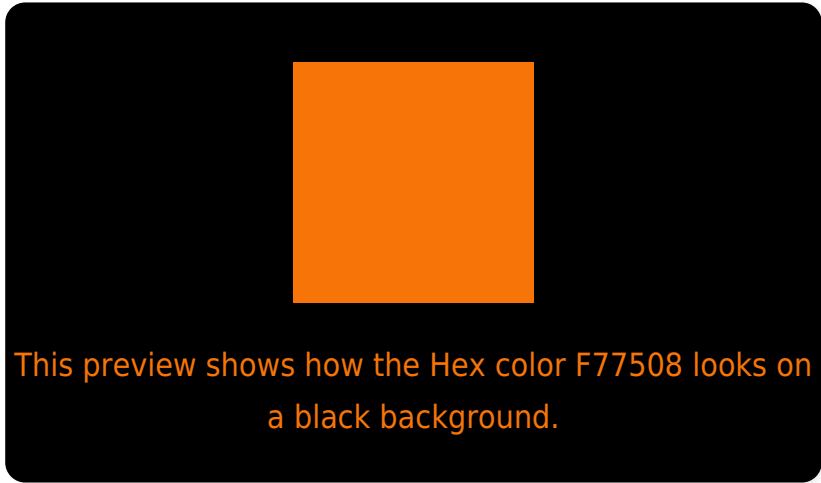
Large Text (above 18pt) WCAG AA × Fail

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 F77508 Background



This preview shows how black text looks on a background with the Hex color F77508.



This preview shows how white text looks on a background with the Hex color F77508.

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
F77508

Protanopia
AF9B18

Deuteranopia
C49300



Tritanopia
FA6D74

Trichromacy



Original Color
F77508

Protanomaly
C98D12

Deuteranomaly
D78803

Tritanomaly
F9704D

Monochromacy



Original Color
F77508

Achromatopsia
8F8F8F

Achromatomaly
B5865E

CSS Examples

Text

The CSS property to change the color of the text to Hex F77508 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 #F77508 looks like.

```
.text, #text, p{  
    color:#F77508  
}
```

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 #F77508 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F77508
}
```

Border

The CSS property to change the border of an element to Hex F77508 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
#F77508 }
```

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

```
.border{ border-color:#F77508 }
```

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

Here you see how a box with a 4 pixel #F77508 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F77508; -webkit-box-shadow:4px 4px  
4px 4px #F77508; box-shadow:4px 4px 4px  
4px #F77508 }
```

Background

The CSS property to change the background color of an element to Hex F77508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F77508 }
```

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

```
.background{ background-color:#F77508 }
```

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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