

Converting Colors

Hex(F06512)

Have a look what the booklet for
Hex(F06512) contains.

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Color

Hex(F06512)

Conversions

Conversions Part 1

Format	Color
Hex	F06512
RGB	240, 101, 18
RGB Percent	94%, 40%, 7%
CMY	0.0588, 0.6039, 0.9294
CMYK	0.00, 0.58, 0.93, 0.06
HSL	22°, 88%, 51%
HSV	22°, 92%, 94%
XYZ	40.6980, 27.8763, 3.8079
YIQ	133.0990, 109.4870, 3.6550

Conversions

Conversions Part 2

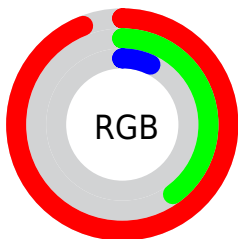
Format	Color
R_{YB}	240, 151, 18
Decimal	15754514
CIE _{Lab}	59.78, 50.24, 65.25
CIE _{LCh}	60, 82.345, 52.405
Yxy	27.8763, 0.5623, 0.3851
Android (android.graphics.Color)	4293944594 (0xFFFF06512)
YUV	133.0990, -56.7438, 93.7522
Hunter-Lab	52.7980, 45.1958, 32.6825

Details

The Hex color **F06512** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **129DF0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF9B4B**, and **B02E00** is the 20% darker color. If you saturate the color by 10%, you get **F05A00**, and if you desaturate by 10%, it is **F0742A**.

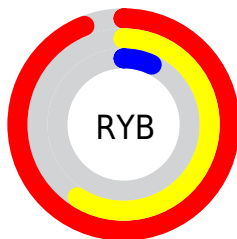
Distribution



Red (94%)

Green (40%)

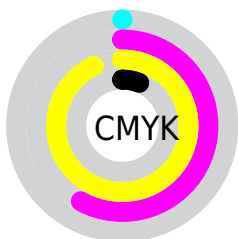
Blue (7%)



Red (94%)

Yellow (59%)

Blue (7%)

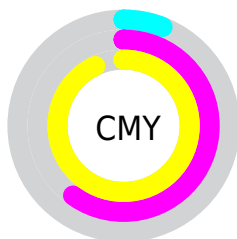


Cyan (0%)

Magenta (58%)

Yellow (93%)

Black (6%)



Cyan (6%)

Magenta (60%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color F06512 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 F06512 by changing the saturation by 10% instead.

 F06512

 F06512

FFFFFF

 D04A00

 FF9B4B

 B02E00

 FF8765

 900C00

 FFD480

 710000

 FFF19B

 530000

 FFFF87

 390002

 FFFF87

 0F0000

 FFFFF0

 000000

 F06512

 F06512

 F05A00

 F0742A

 F08342

 F0925A

 F0A172

 F0B08A

 F0BFA2

 F0CEBA

 F0DDD2

 F0ECEA

Harmonies

Analogous

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



FF3D5E



F06512



BD8600

Triad

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



F06512



00AE7B



5A85FF

Complementary

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



F06512



129DF0

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.



009FFF



F06512



00AFC6

Square

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



F06512



00A92C



00ABFF



D35EEA

Rectangle

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



F06512



929600



00ABFF



008FFF

Sweetspot

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



F06512



FFD2B8



F0129F



806454



000000



808080

Same Dimension

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



F06512



FF5F00



F0D212



78706C



B84500



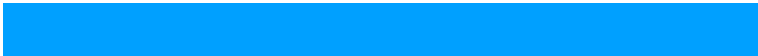
381500

Inverse Universe

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



129DF0



00A0FF



1230F0



6C7378



0073B8



002338

Previews

White Background



This preview shows how the Hex color F06512 looks on a white background.

Color Contrast Check

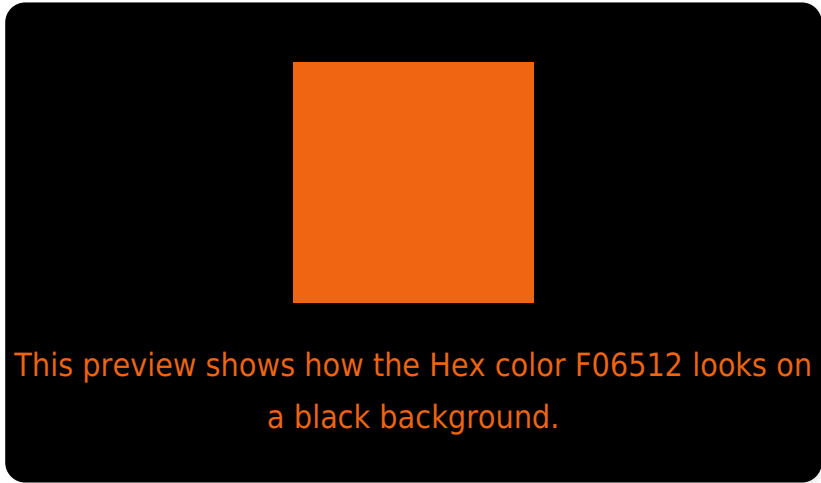
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F06512 Background



This preview shows how black text looks on a background with the Hex color F06512.



This preview shows how white text looks on a background with the Hex color F06512.

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
F06512

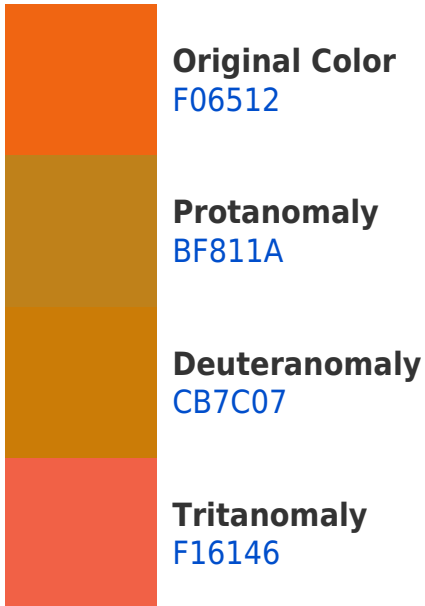
Protanopia
A3911E

Deuteranopia
B68900



Tritanopia
F25E64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F06512 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 #F06512 looks like.

```
.text, #text, p{  
    color:#F06512  
}
```

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 #F06512 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F06512
}
```

Border

The CSS property to change the border of an element to Hex F06512 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
#F06512 }
```

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

```
.border{ border-color:#F06512 }
```

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

Here you see how a box with a 4 pixel #F06512 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F06512; -webkit-box-shadow:4px 4px  
4px 4px #F06512; box-shadow:4px 4px 4px  
4px #F06512 }
```

Background

The CSS property to change the background color of an element to Hex F06512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F06512 }
```

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

```
.background{ background-color:#F06512 }
```

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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