

# Converting Colors

Hex(F46126)

Have a look what the booklet for  
Hex(F46126) contains.

|                                                |    |
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**Color**

**Hex(F46126)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F46126                      |
| RGB         | 244, 97, 38                 |
| RGB Percent | 96%, 38%, 15%               |
| CMY         | 0.0431, 0.6196, 0.8510      |
| CMYK        | 0.00, 0.60, 0.84, 0.04      |
| HSL         | 17°, 90%, 55%               |
| HSV         | 17°, 84%, 96%               |
| XYZ         | 41.9328, 27.9224, 5.0132    |
| YIQ         | 134.2270, 106.5510, 12.8150 |

# Conversions

## Conversions Part 2

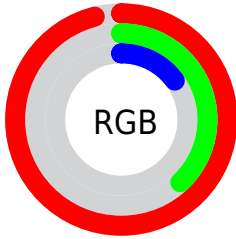
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 244, 121, 38                   |
| Decimal                             | 16015654                       |
| CIE <sub>Lab</sub>                  | 59.82, 53.83, 59.04            |
| CIE <sub>LCh</sub>                  | 60, 79.896, 47.642             |
| Yxy                                 | 27.9224, 0.5601,<br>0.3730     |
| Android<br>(android.graphics.Color) | 4294205734<br>(0xFFFF46126)    |
| YUV                                 | 134.2270, -47.4399,<br>96.2709 |
| Hunter-Lab                          | 52.8417, 49.1766,<br>31.3642   |

# Details

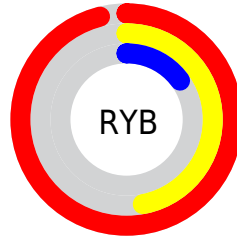
The Hex color **F46126** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **26B9F4**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9859**, and **B42800** is the 20% darker color. If you saturate the color by 10%, you get **F4500E**, and if you desaturate by 10%, it is **F4723E**.

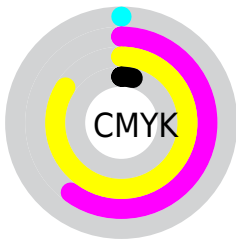
# Distribution



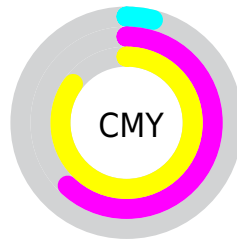
- Red (96%)
- Green (38%)
- Blue (15%)



- Red (96%)
- Yellow (47%)
- Blue (15%)



- Cyan (0%)
- Magenta (60%)
- Yellow (84%)
- Black (4%)



- Cyan (4%)
- Magenta (62%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F46126 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 F46126 by changing the saturation by 10% instead.



 F46126

 F46126

FFFFFF

 D44507

 FF9859

 B42800

 FFB473

 940000

 FFD18E

 750000

 FFEEA9

 560000

 FFFFC5

 3C0003

 FFFFE1

 160000

FFFFFFE

 000000

 F46126

 F46126

 F4500E

 F4723E

 F44600

 F48457

 F4956F

 F4A788

 F4B8A0

 F4C9B8

 F4DBD1

 F4ECE9

 F4FEFF

# Harmonies

## Analogous

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



FF3E6A



F46126



C68200

# Triad

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



F46126



00AD70



358AFF

# Complementary

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



F46126



26B9F4

# 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.



00A1FF



F46126



00AFB9

# Square

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



F46126



1EA723



00ACF8



C567F0

# Rectangle

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



F46126



9E9300



00ACF8



0093FF



# Sweetspot

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



F46126



FFD2BF



F426BA



806459



000000



808080



# Same Dimension

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



F46126



FF4900



F4C726



7A726E



BA3500



3B1100



# Inverse Universe

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



26B9F4



00B6FF



2653F4



6E777A



0085BA



002A3B



# Previews

## White Background



This preview shows how the Hex color F46126 looks on a white background.

## Color Contrast Check

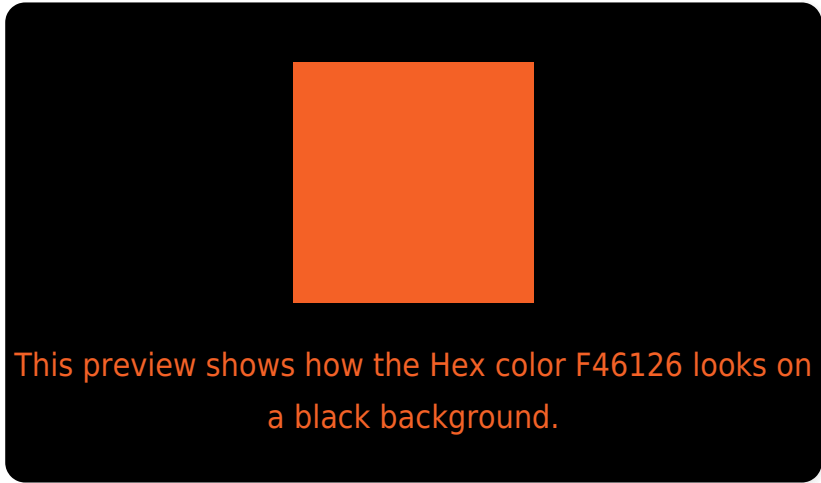
Large Text (above 18pt) WCAG AA ✓ Pass

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 F46126 Background



This preview shows how black text looks on a background with the Hex color F46126.



This preview shows how white text looks on a background with the Hex color F46126.

# 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**  
F46126

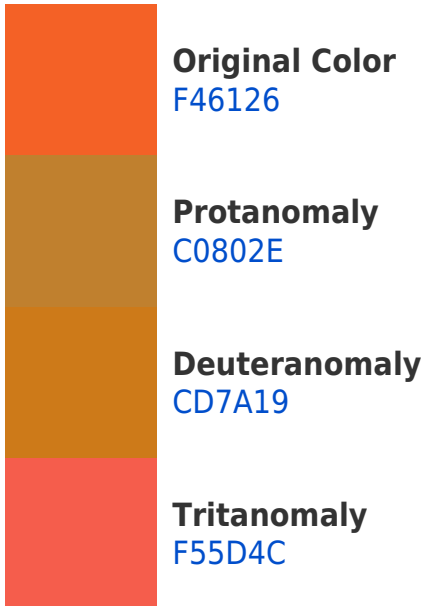
**Protanopia**  
A29132

**Deuteranopia**  
B78912



**Tritanopia**  
F65B61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F46126 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 #F46126 looks like.

```
.text, #text, p{  
    color:#F46126  
}
```

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 #F46126 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F46126
}
```

## Border

The CSS property to change the border of an element to Hex F46126 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
#F46126 }
```

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

```
.border{ border-color:#F46126 }
```

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

Here you see how a box with a 4 pixel #F46126 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F46126; -webkit-box-shadow:4px 4px  
4px 4px #F46126; box-shadow:4px 4px 4px  
4px #F46126 }
```

# Background

The CSS property to change the background color of an element to Hex F46126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F46126 }
```

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

```
.background{ background-color:#F46126 }
```

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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