

Converting Colors

Hex(F86610)

Have a look what the booklet for
Hex(F86610) contains.

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Color

Hex(F86610)

Conversions

Conversions Part 1

Format	Color
Hex	F86610
RGB	248, 102, 16
RGB Percent	97%, 40%, 6%
CMY	0.0275, 0.6000, 0.9373
CMYK	0.00, 0.59, 0.94, 0.03
HSL	22°, 94%, 52%
HSV	22°, 94%, 97%
XYZ	43.5563, 29.4966, 3.8880
YIQ	135.8500, 114.6220, 4.2060

Conversions

Conversions Part 2

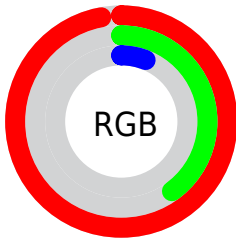
Format	Color
R_{YB}	248, 153, 16
Decimal	16279056
CIE _{Lab}	61.22, 52.65, 67.27
CIE _{LCh}	61, 85.428, 51.952
Yxy	29.4966, 0.5661, 0.3834
Android (android.graphics.Color)	4294469136 (0xFFFF86610)
YUV	135.8500, -59.0861, 98.3555
Hunter-Lab	54.3108, 48.1100, 33.7731

Details

The Hex color **F86610** 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 **10A2F8**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF9D4B**, and **B72E00** is the 20% darker color. If you saturate the color by 10%, you get **F85C00**, and if you desaturate by 10%, it is **F87629**.

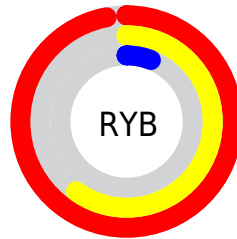
Distribution



Red (97%)

Green (40%)

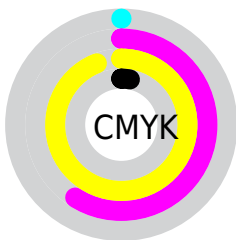
Blue (6%)



Red (97%)

Yellow (60%)

Blue (6%)

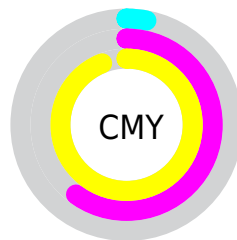


Cyan (0%)

Magenta (59%)

Yellow (94%)

Black (3%)



Cyan (3%)

Magenta (60%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color F86610 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 F86610 by changing the saturation by 10% instead.

 F86610

 F86610

FFFFFF

 D74B00

 FF9D4B

 B72E00

 FFB965

 970900

 FFD680

 780000

 FFF39B

 5A0000

 FFFFB7

 3E0002

 FFFFD3

 1C0001

 FFFFF0

 000000

 F86610

 F86610

 F85C00

 F87629

 F88542

 F8955A

 F8A473

 F8B48C

 F8C4A5

 F8D3BE

 F8E3D6

 F8F2EF

Harmonies

Analogous

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



FF3B61



F86610



C38900

Triad

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



F86610



00B37C



5689FF

Complementary

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



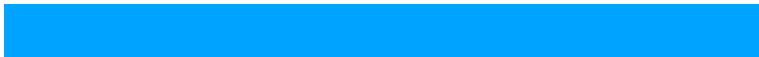
F86610



10A2F8

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



F86610



00B4CA

Square

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



F86610



00AD2A



00B0FF



D860F2

Rectangle

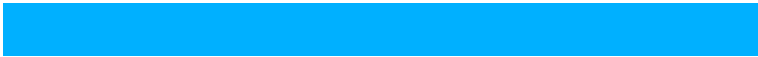
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F86610



979A00



00B0FF



0093FF

Sweetspot

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



F86610



FFD2B8



F810A3



806454



000000



808080

Same Dimension

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



F86610



FF5F00



F8D910



7D7570



BD4600



3D1700

Inverse Universe

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



10A2F8



00A0FF



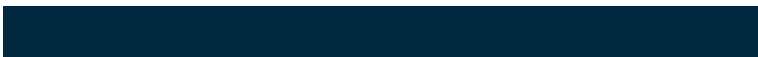
102FF8



70787D



0077BD



00273D

Previews

White Background



This preview shows how the Hex color F86610 looks on a white background.

Color Contrast Check

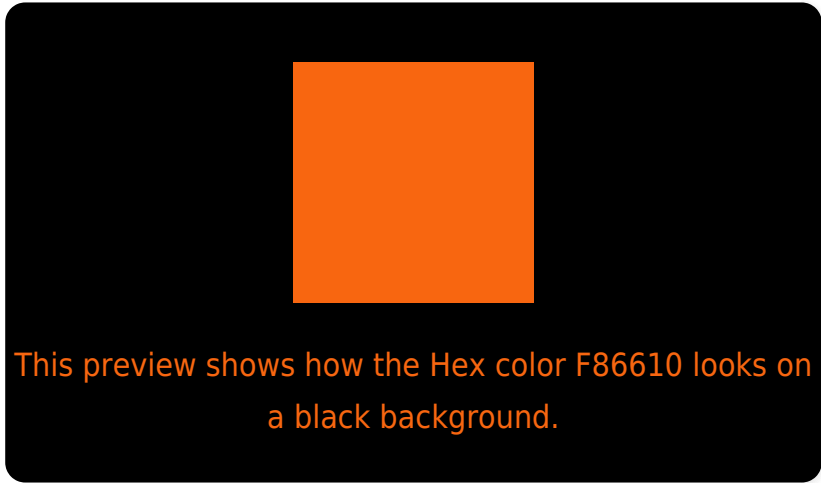
Large Text (above 18pt) WCAG AA ✓ Pass

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 F86610 Background



This preview shows how black text looks on a background with the Hex color F86610.



This preview shows how white text looks on a background with the Hex color F86610.

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
F86610

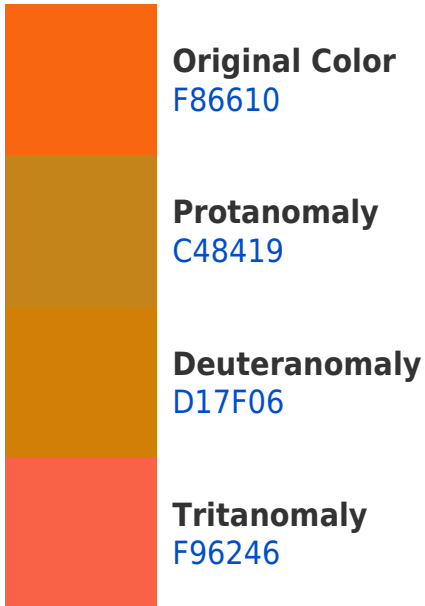
Protanopia
A7951E

Deuteranopia
BB8D00



Tritanopia
FA5F65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F86610 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 #F86610 looks like.

```
.text, #text, p{  
    color:#F86610  
}
```

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 #F86610 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F86610
}
```

Border

The CSS property to change the border of an element to Hex F86610 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
#F86610 }
```

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

```
.border{ border-color:#F86610 }
```

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

Here you see how a box with a 4 pixel #F86610 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F86610; -webkit-box-shadow:4px 4px  
4px 4px #F86610; box-shadow:4px 4px 4px  
4px #F86610 }
```

Background

The CSS property to change the background color of an element to Hex F86610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F86610 }
```

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

```
.background{ background-color:#F86610 }
```

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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