

Converting Colors

Hex(EC6718)

Have a look what the booklet for
Hex(EC6718) contains.

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Color

Hex(EC6718)

Conversions

Conversions Part 1

Format	Color
Hex	EC6718
RGB	236, 103, 24
RGB Percent	93%, 40%, 9%
CMY	0.0745, 0.5961, 0.9059
CMYK	0.00, 0.56, 0.90, 0.07
HSL	22°, 85%, 51%
HSV	22°, 90%, 93%
XYZ	39.6072, 27.5993, 4.1038
YIQ	133.7610, 104.6270, 3.6270

Conversions

Conversions Part 2

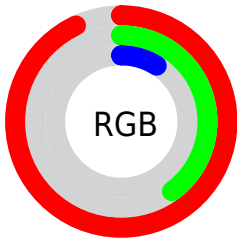
Format	Color
R _Y B	236, 150, 24
Decimal	15492888
CIE Lab	59.53, 47.93, 63.16
CIE LCh	60, 79.284, 52.809
Yxy	27.5993, 0.5554, 0.3870
Android (android.graphics.Color)	4293682968 (0xFFEC6718)
YUV	133.7610, -54.1122, 89.6636
Hunter-Lab	52.5350, 42.6383, 32.1430

Details

The Hex color **EC6718** 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 **189DEC**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF9D4F**, and **AC3100** is the 20% darker color. If you saturate the color by 10%, you get **EC5800**, and if you desaturate by 10%, it is **EC7630**.

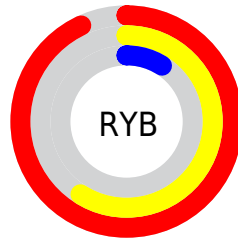
Distribution



Red (93%)

Green (40%)

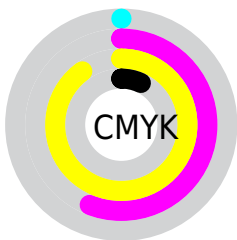
Blue (9%)



Red (93%)

Yellow (59%)

Blue (9%)

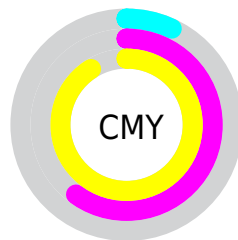


Cyan (0%)

Magenta (56%)

Yellow (90%)

Black (7%)



Cyan (7%)

Magenta (60%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC6718 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 EC6718 by changing the saturation by 10% instead.

 EC6718

 EC6718

FFFFFF

 CC4C00

 FF9D4F

 AC3100

 FFB969

 8D1200

 FFD584

 6E0000

 FFF29F

 500000

 FFFFBB

 360002

 FFFFD7

 070000

 FFFFF4

 000000

 EC6718

 EC6718

■ EC5800

■ EC7630

■ EC8547

■ EC935F

■ ECA276

■ ECB18E

■ ECC0A6

■ ECCFBD

■ ECDDD5

■ ECECEC

Harmonies

Analogous

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



FF435E



EC6718



BB8700

Triad

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



EC6718



00AD7C



6184FF

Complementary

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



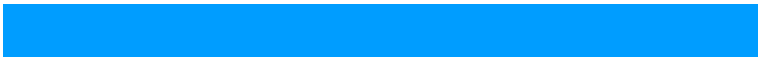
EC6718



189DEC

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.



009DFF



EC6718



00AEC4

Square

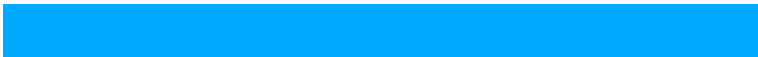
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EC6718



00A732



00AAFE



D160E5

Rectangle

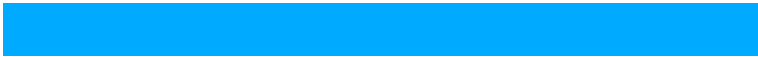
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EC6718



929600



00AAFE



008EFF

Sweetspot

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



EC6718



FFD4BA



EC189E



806657



000000



808080

Same Dimension

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



EC6718



FF5F00



ECD018



756E6A



B54300



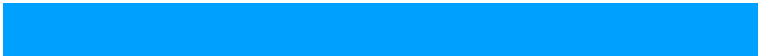
361400

Inverse Universe

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



189DEC



00A0FF



1834EC



6A7175



0072B5



002236

Previews

White Background



This preview shows how the Hex color EC6718 looks on a white background.

Color Contrast Check

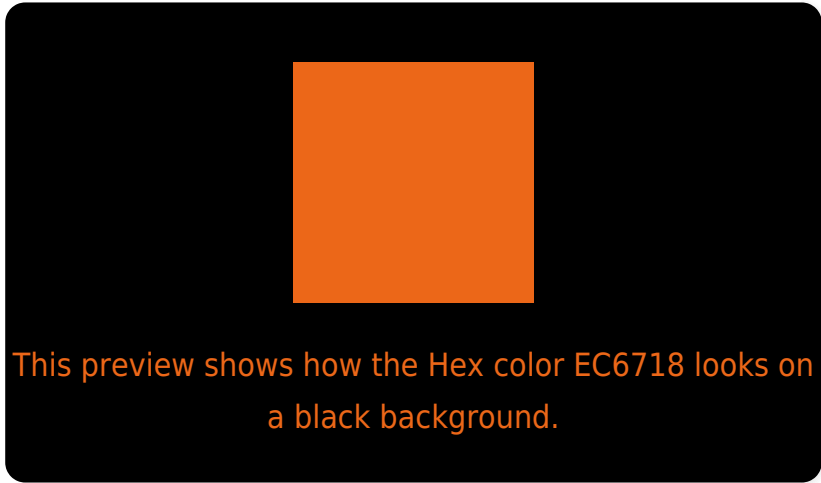
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC6718 Background



This preview shows how black text looks on a background with the Hex color EC6718.



This preview shows how white text looks on a background with the Hex color EC6718.

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

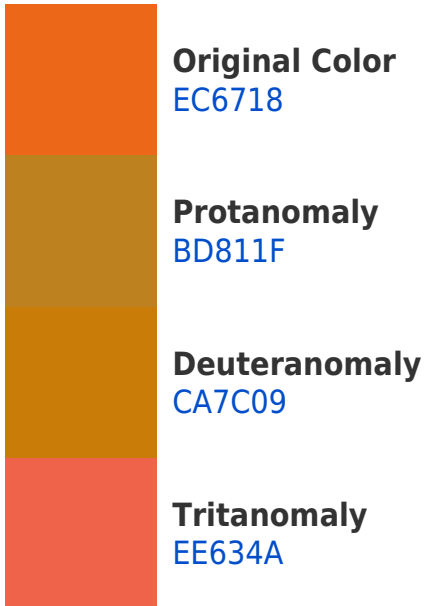


Original Color
EC6718

Protanopia
A29023

Deuteranopia
B68800

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC6718 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 #EC6718 looks like.

```
.text, #text, p{  
    color:#EC6718  
}
```

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 #EC6718 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC6718
}
```

Border

The CSS property to change the border of an element to Hex EC6718 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
#EC6718 }
```

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

```
.border{ border-color:#EC6718 }
```

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

Here you see how a box with a 4 pixel #EC6718 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC6718; -webkit-box-shadow:4px 4px  
4px 4px #EC6718; box-shadow:4px 4px 4px  
4px #EC6718 }
```

Background

The CSS property to change the background color of an element to Hex EC6718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC6718 }
```

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

```
.background{ background-color:#EC6718 }
```

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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