Converting Colors

Hex(EC4F04)

Have a look what the booklet for Hex(EC4F04) contains.

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Color

Hex(EC4F04)

Conversions

Conversions Part 1

Format	Color
Hex	EC4F04
RGB	236, 79, 4
RGB Percent	93%, 31%, 2%
CMY	0.0745, 0.6902, 0.9843
CMYK	0.00, 0.67, 0.98, 0.07
HSL	19°, 97%, 47%
HSV	19°, 98%, 93%
XYZ	37.4100, 23.4336, 2.6663
YIQ	117.3930, 117.6470, 9.9590

Conversions

Conversions Part 2

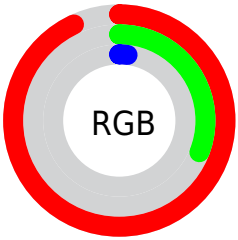
Format	Color
RYB	236, 115, 4
Decimal	15486724
CIELab	55.52, 58.17, 65.23
CIELCh	56, 87.394, 48.274
Yxy	23.4336, 0.5890, 0.3690
Android (android.graphics.Color)	4293676804 (0xFFEC4F04)
YUV	117.3930, -55.9027, 104.0183
Hunter-Lab	48.4083, 53.2306, 30.6202

Details

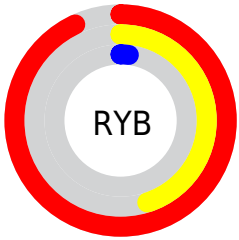
The Hex color EC4F04 is a dark color, and the websafe version is hex FF6600. The color can be described as dark washed red. A complement of this color would be 04A1EC, and the grayscale version is 767676.

A 20% lighter version of the original color is FF8741, and AB0700 is the 20% darker color. If you saturate the color by 10%, you get EC4C00, and if you desaturate by 10%, it is EC5F1C.

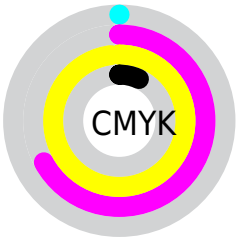
Distribution



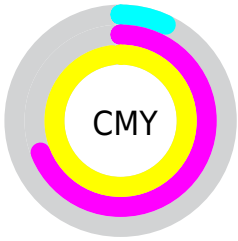
- Red (93%)
- Green (31%)
- Blue (2%)



- Red (93%)
- Yellow (45%)
- Blue (2%)



- Cyan (0%)
- Magenta (67%)
- Yellow (98%)
- Black (7%)



- Cyan (7%)
- Magenta (69%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC4F04 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 EC4F04 by changing the saturation by 10% instead.

EC4F04	EC4F04
FFFFFF	CB3100
FF8741	AB0700
FFA35B	8B0000
FFC076	6C0000
FFDD91	4E0001
FFFAAC	310002
FFFFC8	000000
FFFFE5	

EC4F04	EC4F04

EC4C00

EC5F1C

EC6F33

EC7F4B

EC8F62

EC9F7A

ECAF92

ECBFA9

ECCFC1

ECDFD8

Harmonies

Analogous

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

FF0B5B

EC4F04

BA7700

Triad

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

EC4F04

00A363

007FFF

Complementary

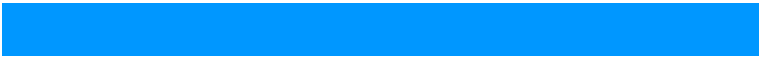
The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

EC4F04

04A1EC

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.



0097FF

EC4F04

00A5B3

Square

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

EC4F04

009D00

00A2F6

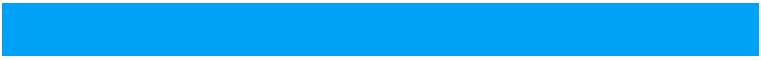
BF54EB

Rectangle

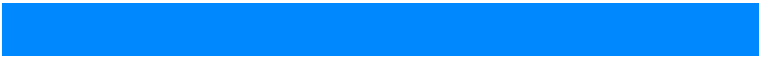
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

EC4F04

8F8900



00A2F6



0089FF

Sweetspot

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

EC4F04

FFCDB5

EC04A3

806153

000000

808080

Same Dimension

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

EC4F04

FF5200

ECC104

756D6A

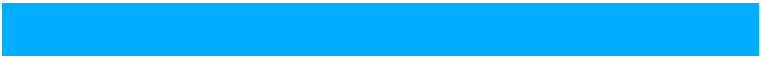
B53B00

361100

Inverse Universe

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

04A1EC



00ADFF

042FEC

6A7275

007BB5

002436

Previews

White Background

This preview shows how the Hex color EC4F04 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

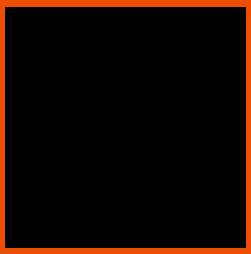
This preview shows how the Hex color EC4F04 looks on a black background.

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 EC4F04 Background



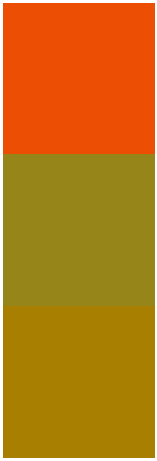
This preview shows how black text looks on a background with the Hex color EC4F04.

This preview shows how white text looks on a background with the Hex color EC4F04.

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



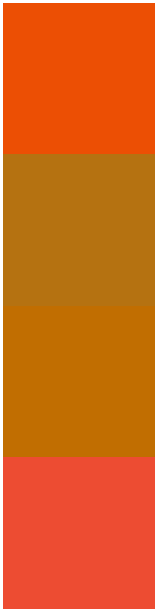
Original Color
EC4F04

Protanopia
968619

Deuteranopia
A87F00

Tritanopia
ED4A4D

Trichromacy



Original Color
EC4F04

Protanomaly
B57211

Deuteranomaly
C16E01

Tritanomaly
ED4C32

Monochromacy

Original Color
EC4F04

Achromatopsia
757575

Achromatomaly
A0674C

CSS Examples

Text

The CSS property to change the color of the text to Hex EC4F04 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 #EC4F04 looks like.

```
.text, #text, p{
    color:#EC4F04
}
```

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 #EC4F04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC4F04
}
```

Border

The CSS property to change the border of an element to Hex EC4F04 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
#EC4F04 }
```

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

```
.border{ border-color:#EC4F04 }
```

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

Here you see how a box with a 4 pixel #EC4F04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #EC4F04; -webkit-box-shadow:4px 4px 4px 4px #EC4F04; box-shadow:4px 4px 4px 4px #EC4F04 }
```

Background

The CSS property to change the background color of an element to Hex EC4F04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#EC4F04 }
```

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

```
.background{ background-color:#EC4F04 }
```

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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