

Converting Colors

Hex(EF2500)

Have a look what the booklet for
Hex(EF2500) contains.

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Color

Hex(EF2500)

Conversions

Conversions Part 1

Format	Color
Hex	EF2500
RGB	239, 37, 0
RGB Percent	94%, 15%, 0%
CMY	0.0627, 0.8549, 1.0000
CMYK	0.00, 0.85, 1.00, 0.06
HSL	9°, 100%, 47%
HSV	9°, 100%, 94%
XYZ	36.2582, 19.6739, 1.8864
YIQ	93.1800, 132.2690, 31.3170

Conversions

Conversions Part 2

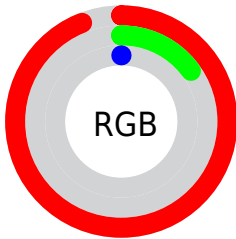
Format	Color
R_{YB}	239, 44, 0
Decimal	15672576
CIE _{Lab}	51.47, 71.82, 64.57
CIE _{LCh}	51, 96.580, 41.956
Yxy	19.6739, 0.6271, 0.3403
Android (android.graphics.Color)	4293862656 (0xFFEF2500)
YUV	93.1800, -45.9377, 127.8841
Hunter-Lab	44.3552, 68.2932, 28.5271

Details

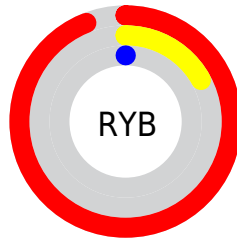
The Hex color **EF2500** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **00CAEF**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF693B**, and **AC0000** is the 20% darker color. If you saturate the color by 10%, you get **EF2500**, and if you desaturate by 10%, it is **EF3918**.

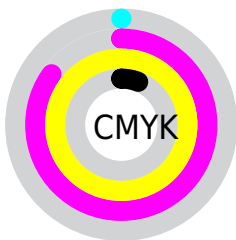
Distribution



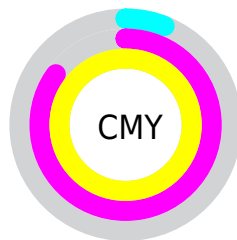
- Red (94%)
- Green (15%)
- Blue (0%)



- Red (94%)
- Yellow (17%)
- Blue (0%)



- Cyan (0%)
- Magenta (85%)
- Yellow (100%)
- Black (6%)



- Cyan (6%)
- Magenta (85%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color EF2500 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 EF2500 by changing the saturation by 10% instead.

 EF2500

 EF2500

 FFFFFFF9

 CE0000

 FF693B

 AC0000

 FF8754

 8C0000

 FFA46E

 6C0001

 FFC288

 4E0003

 FFE0A3

 2E0002

 FFFEBF

 000000

 FFFFDC

 EF2500

 EF3918

 EF4D30

 EF6248

 EF7660

 EF8A77

 EF9E8F

 EFB2A7

 EFC7BF

 EFD8D7

Harmonies

Analogous

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



FF005E



EF2500



BD6300

Triad

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



EF2500



009843



007CFF

Complementary

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



EF2500



00CAEF

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.



0092FF



EF2500



009B9B

Square

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



EF2500



009100



009AE9



A04EF8

Rectangle

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



EF2500



917A00



009AE9



0085FF

Sweetspot

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



EF2500



FFBEB3



EF00CB



805952



000000



808080

Same Dimension

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



EF2500



FF2700



EF9B00



786E6C



B81C00



380900

Inverse Universe

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



00CAEF



00D8FF



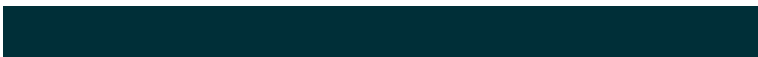
0054EF



6C7678



009BB8



002F38

Previews

White Background



This preview shows how the Hex color EF2500 looks on a white background.

Color Contrast Check

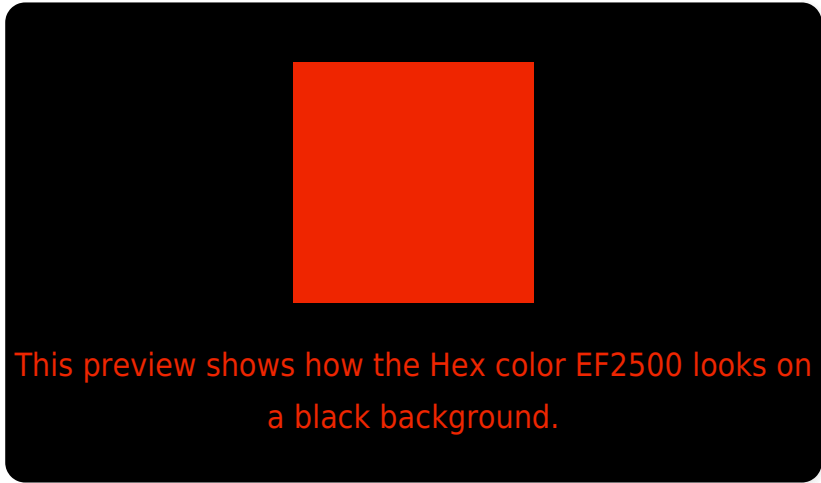
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF2500 Background



This preview shows how black text looks on a background with the Hex color EF2500.



This preview shows how white text looks on a background with the Hex color EF2500.

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



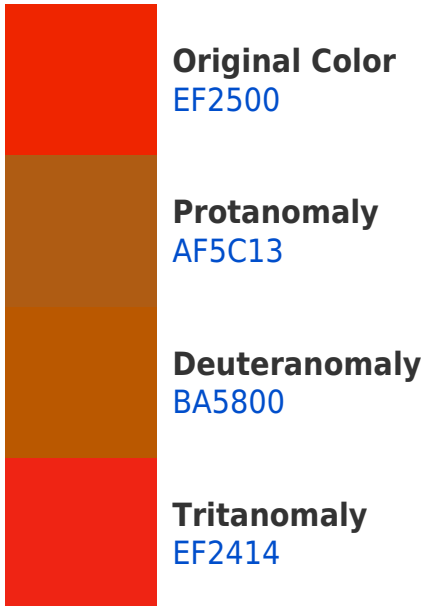
Original Color
EF2500

Protanopia
8B7C1E

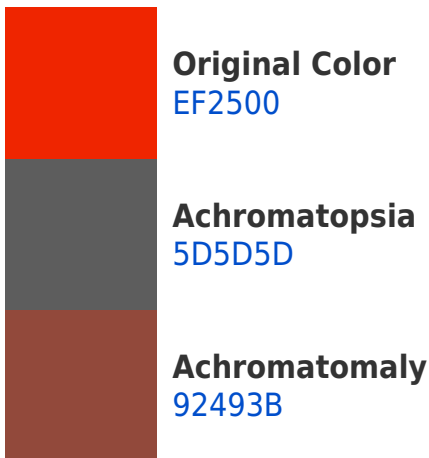
Deuteranopia
9C7500



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EF2500 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 #EF2500 looks like.

```
.text, #text, p{  
    color:#EF2500  
}
```

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 #EF2500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF2500
}
```

Border

The CSS property to change the border of an element to Hex EF2500 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
#EF2500 }
```

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

```
.border{ border-color:#EF2500 }
```

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

Here you see how a box with a 4 pixel #EF2500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF2500; -webkit-box-shadow:4px 4px  
4px 4px #EF2500; box-shadow:4px 4px 4px  
4px #EF2500 }
```

Background

The CSS property to change the background color of an element to Hex EF2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF2500 }
```

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

```
.background{ background-color:#EF2500 }
```

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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