

Converting Colors

Hex(E93F06)

Have a look what the booklet for
Hex(E93F06) contains.

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Color

Hex(E93F06)

Conversions

Conversions Part 1

Format	Color
Hex	E93F06
RGB	233, 63, 6
RGB Percent	91%, 25%, 2%
CMY	0.0863, 0.7529, 0.9765
CMYK	0.00, 0.73, 0.97, 0.09
HSL	15°, 95%, 47%
HSV	15°, 97%, 91%
XYZ	35.4147, 20.8918, 2.3383
YIQ	107.3320, 119.6170, 18.3130

Conversions

Conversions Part 2

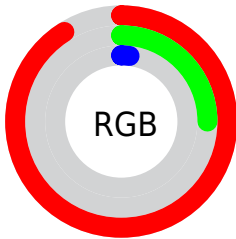
Format	Color
R_{YB}	233, 82, 6
Decimal	15286022
CIE _{Lab}	52.83, 63.11, 63.08
CIE _{LCh}	53, 89.230, 44.989
Yxy	20.8918, 0.6039, 0.3562
Android (android.graphics.Color)	4293476102 (0xFFE93F06)
YUV	107.3320, -49.9567, 110.2108
Hunter-Lab	45.7075, 58.3153, 28.9622

Details

The Hex color **E93F06** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **06B0E9**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7A40**, and **A80000** is the 20% darker color. If you saturate the color by 10%, you get **E93B00**, and if you desaturate by 10%, it is **E9501D**.

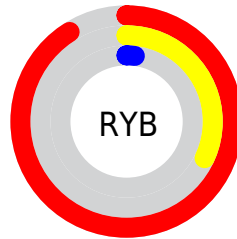
Distribution



Red (91%)

Green (25%)

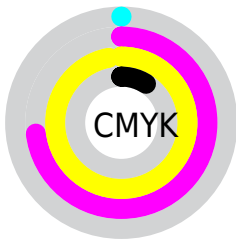
Blue (2%)



Red (91%)

Yellow (32%)

Blue (2%)

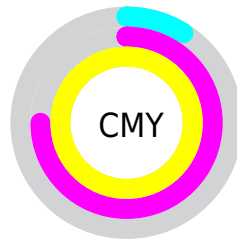


Cyan (0%)

Magenta (73%)

Yellow (97%)

Black (9%)



Cyan (9%)

Magenta (75%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color E93F06 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 E93F06 by changing the saturation by 10% instead.

 E93F06

 E93F06

FFFFFF

 C81B00

 FF7A40

 A80000

 FF965A

 870000

 FFB374

 680000

 FFD08E

 4A0002

 FFEDAA

 2C0001

 FFFFC5

 000000

 FFFF E2

 E93F06

 E93F06

 E93B00

 E9501D

 E96235

 E9734C

 E98563

 E9967B

 E9A892

 E9B9A9

 E9CBC0

 E9DCD8

Harmonies

Analogous

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



FF005C



E93F06



B96C00

Triad

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



E93F06



009B53



007BFF

Complementary

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



E93F06



06B0E9

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.



0093FF



E93F06



009DA4

Square

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



E93F06



009500



009CEA



AD51EC

Rectangle

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



E93F06



8E8000



009CEA



0085FF

Sweetspot

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



E93F06



FFC8B5



E906B0



805E53



000000



808080

Same Dimension

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



E93F06



FF4000



E9B006



756D6A



B52D00



360D00

Inverse Universe

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



06B0E9



00BFFF



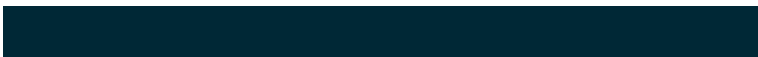
063FE9



6A7275



0088B5



002836

Previews

White Background



This preview shows how the Hex color E93F06 looks on a white background.

Color Contrast Check

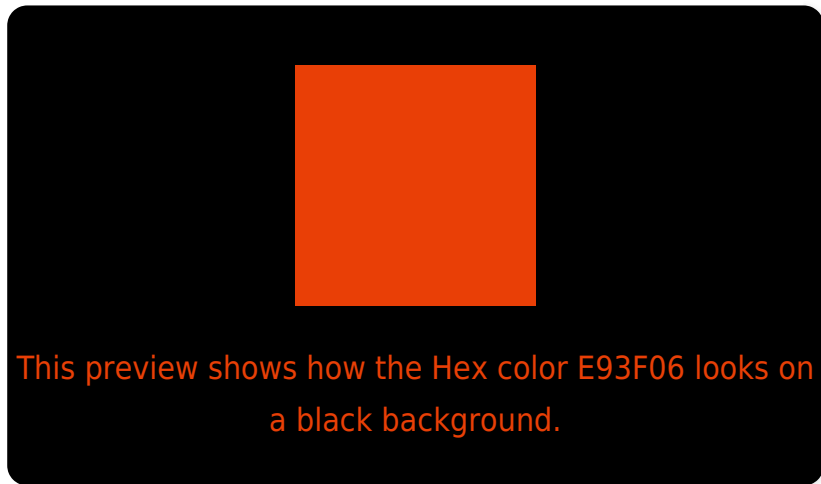
Large Text (above 18pt) WCAG AA ✓ Pass

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 E93F06 Background



This preview shows how black text looks on a background with the Hex color E93F06.



This preview shows how white text looks on a background with the Hex color E93F06.

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



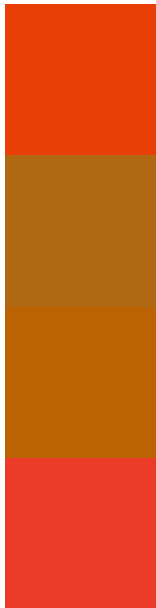
Original Color
E93F06

Protanopia
8F7F1B

Deuteranopia
A07800



Trichromacy



Original Color
E93F06

Protanomaly
B06813

Deuteranomaly
BB6302

Tritanomaly
EA3C29

Monochromacy



Original Color
E93F06

Achromatopsia
6B6B6B

Achromatomaly
995B46

CSS Examples

Text

The CSS property to change the color of the text to Hex E93F06 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 #E93F06 looks like.

```
.text, #text, p{  
    color:#E93F06  
}
```

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 #E93F06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E93F06
}
```

Border

The CSS property to change the border of an element to Hex E93F06 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
#E93F06 }
```

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

```
.border{ border-color:#E93F06 }
```

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

Here you see how a box with a 4 pixel #E93F06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E93F06; -webkit-box-shadow:4px 4px  
4px 4px #E93F06; box-shadow:4px 4px 4px  
4px #E93F06 }
```

Background

The CSS property to change the background color of an element to Hex E93F06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E93F06 }
```

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

```
.background{ background-color:#E93F06 }
```

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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