

Converting Colors

Hex(EA6146)

Have a look what the booklet for
Hex(EA6146) contains.

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Color

Hex(EA6146)

Conversions

Conversions Part 1

Format	Color
Hex	EA6146
RGB	234, 97, 70
RGB Percent	92%, 38%, 27%
CMY	0.0824, 0.6196, 0.7255
CMYK	0.00, 0.59, 0.70, 0.08
HSL	10°, 80%, 60%
HSV	10°, 70%, 92%
XYZ	39.3119, 26.4840, 8.8343
YIQ	134.8850, 90.3190, 20.6470

Conversions

Conversions Part 2

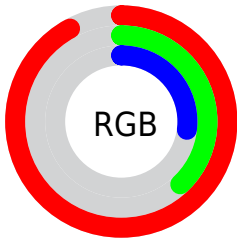
Format	Color
R_{YB}	234, 102, 70
Decimal	15360326
CIE _{Lab}	58.49, 51.44, 41.85
CIE _{LCh}	58, 66.316, 39.133
Yxy	26.4840, 0.5268, 0.3549
Android (android.graphics.Color)	4293550406 (0xFFEA6146)
YUV	134.8850, -31.9883, 86.9239
Hunter-Lab	51.4626, 46.2951, 25.8458

Details

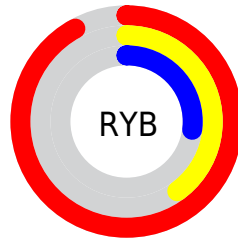
The Hex color **EA6146** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **46CFEA**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9877**, and **AB2918** is the 20% darker color. If you saturate the color by 10%, you get **EA4D2F**, and if you desaturate by 10%, it is **EA755D**.

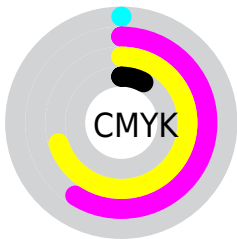
Distribution



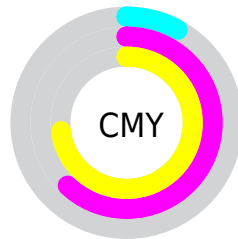
- Red (92%)
- Green (38%)
- Blue (27%)



- Red (92%)
- Yellow (40%)
- Blue (27%)



- Cyan (0%)
- Magenta (59%)
- Yellow (70%)
- Black (8%)



- Cyan (8%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA6146 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 EA6146 by changing the saturation by 10% instead.

 EA6146

 EA6146

FFFFFF

 CB462F

 FF9877

 AB2918

 FFB491

 8D0000

 FFD0AC

 6E0000

 FFEDC8

 500000

 FFFFE4

 360002

 050000

 000000

 EA6146

 EA6146

 EA4D2F

 EA755D

 EA3A17

 EA8875

 EA2700

 EA9C8C

 EAAFA4

 EAC3BB

 EAD6D2

 EAEAEA

 EAFDFD

 EAFFFF

Harmonies

Analogous

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



F4507D



EA6146



C97B11

Triad

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



EA6146



00A561



008EFF

Complementary

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



EA6146



46CFEA

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.



009EF9



EA6146



00A79D

Square

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



EA6146



589D28



00A6D5



A575E8

Rectangle

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



EA6146



AA8900



00A6D5



0094FF

Sweetspot

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



EA6146



FFD2C9



EA46D1



806560



000000



808080

Same Dimension

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



EA6146



FF4C29



EAB146



756C6A



B51E00



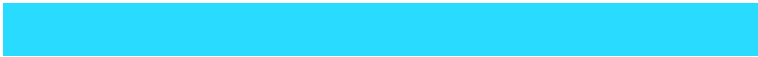
360900

Inverse Universe

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



46CFEA



29DCFF



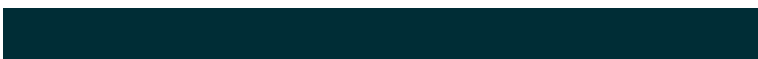
467FEA



6A7375



0097B5



002D36

Previews

White Background



This preview shows how the Hex color EA6146 looks on a white background.

Color Contrast Check

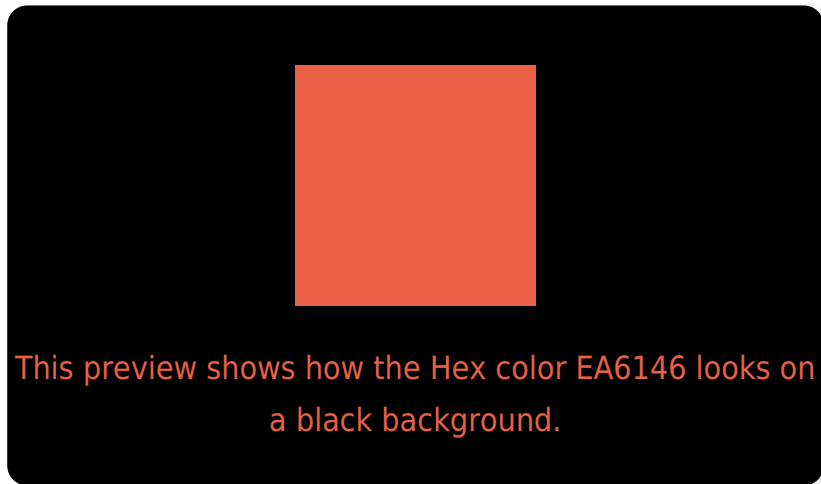
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA6146 Background



This preview shows how black text looks on a background with the Hex color EA6146.



This preview shows how white text looks on a background with the Hex color EA6146.

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](#).

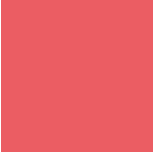
Dichromacy



Original Color
EA6146

Protanopia
9A8D55

Deuteranopia
AF863E



Tritanopia
EB5D63

Trichromacy



Original Color
EA6146

Protanomaly
B77D50

Deuteranomaly
C47941

Tritanomaly
EB5E58

Monochromacy



Original Color
EA6146

Achromatopsia
878787

Achromatomaly
AB796F

CSS Examples

Text

The CSS property to change the color of the text to Hex EA6146 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 #EA6146 looks like.

```
.text, #text, p{  
    color:#EA6146  
}
```

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 #EA6146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA6146
}
```

Border

The CSS property to change the border of an element to Hex EA6146 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
#EA6146 }
```

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

```
.border{ border-color:#EA6146 }
```

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

Here you see how a box with a 4 pixel #EA6146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA6146; -webkit-box-shadow:4px 4px  
4px 4px #EA6146; box-shadow:4px 4px 4px  
4px #EA6146 }
```

Background

The CSS property to change the background color of an element to Hex EA6146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA6146 }
```

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

```
.background{ background-color:#EA6146 }
```

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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