

Converting Colors

Hex(EA6317)

Have a look what the booklet for
Hex(EA6317) contains.

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Color

Hex(EA6317)

Conversions

Conversions Part 1

Format	Color
Hex	EA6317
RGB	234, 99, 23
RGB Percent	92%, 39%, 9%
CMY	0.0824, 0.6118, 0.9098
CMYK	0.00, 0.58, 0.90, 0.08
HSL	22°, 83%, 50%
HSV	22°, 90%, 92%
XYZ	38.5482, 26.4780, 3.8897
YIQ	130.7010, 104.8560, 4.9840

Conversions

Conversions Part 2

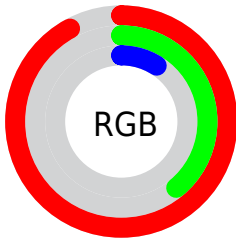
Format	Color
R_{YB}	234, 142, 23
Decimal	15360791
CIE _{Lab}	58.49, 49.04, 62.56
CIE _{LCh}	58, 79.487, 51.909
Yxy	26.4780, 0.5594, 0.3842
Android (android.graphics.Color)	4293550871 (0xFFEA6317)
YUV	130.7010, -53.0966, 90.5932
Hunter-Lab	51.4567, 43.6717, 31.5379

Details

The Hex color **EA6317** 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 **179EEA**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF994E**, and **AA2D00** is the 20% darker color. If you saturate the color by 10%, you get **EA5400**, and if you desaturate by 10%, it is **EA722E**.

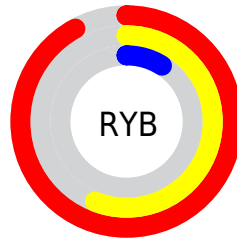
Distribution



Red (92%)

Green (39%)

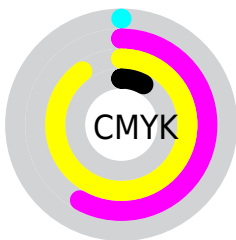
Blue (9%)



Red (92%)

Yellow (56%)

Blue (9%)

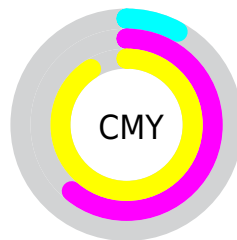


Cyan (0%)

Magenta (58%)

Yellow (90%)

Black (8%)



Cyan (8%)

Magenta (61%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA6317 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 EA6317 by changing the saturation by 10% instead.

 EA6317

 EA6317

FFFFFF

 CA4800

 FF994E

 AA2D00

 FF5668

 8B0A00

 FFD182

 6C0000

 FFEE9D

 4E0000

 FFFF89

 340002

 FFFF5D

 000000

 FFFFF2

 EA6317

 EA6317

EA5400

EA722E

EA8146

EA905D

EA9F75

EAAE8C

EABDA3

EACCBB

EADBD2

EAEAEA

Harmonies

Analogous

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



FF3E5D



EA6317



BA8300

Triad

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



EA6317



00AA77



5783FF

Complementary

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



EA6317



179EEA

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.



009BFF



EA6317



00ABBF

Square

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



EA6317



00A42C



00A7FA



CC5EE4

Rectangle

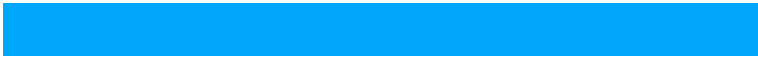
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EA6317



909200



00A7FA



008CFF

Sweetspot

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



EA6317



FFD3BA



EA17A0



806557



000000



808080

Same Dimension

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



EA6317



FF5C00



EACA17



756E6A



B54100



361300

Inverse Universe

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



179EEA



00A3FF



1737EA



6A7175



0074B5



002236

Previews

White Background



This preview shows how the Hex color EA6317 looks on a white background.

Color Contrast Check

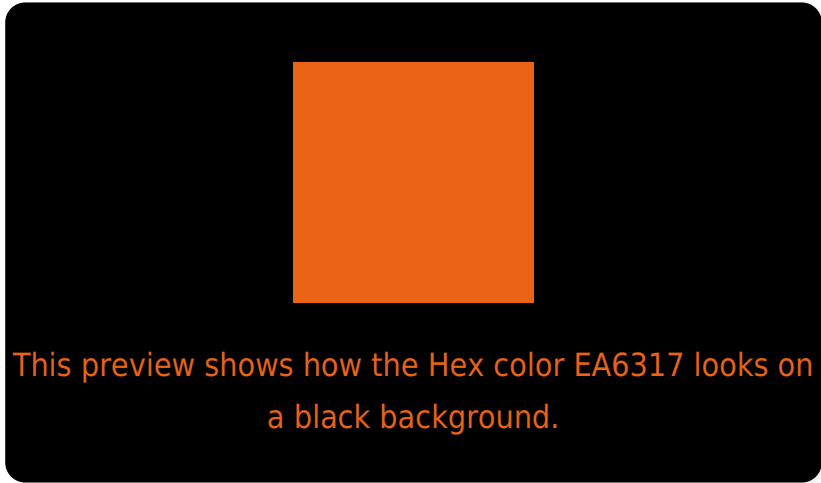
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA6317 Background



This preview shows how black text looks on a background with the Hex color EA6317.



This preview shows how white text looks on a background with the Hex color EA6317.

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

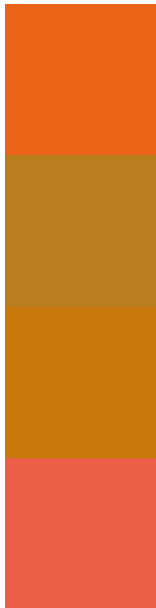


Original Color
EA6317

Protanopia
9F8D22

Deuteranopia
B28600

Trichromacy



Original Color
EA6317

Protanomaly
BA7E1E

Deuteranomaly
C67908

Tritanomaly
EB5F47

Monochromacy



Original Color
EA6317

Achromatopsia
838383

Achromatomaly
A8775C

CSS Examples

Text

The CSS property to change the color of the text to Hex EA6317 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 #EA6317 looks like.

```
.text, #text, p{  
    color:#EA6317  
}
```

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 #EA6317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA6317
}
```

Border

The CSS property to change the border of an element to Hex EA6317 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
#EA6317 }
```

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

```
.border{ border-color:#EA6317 }
```

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

Here you see how a box with a 4 pixel #EA6317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA6317; -webkit-box-shadow:4px 4px  
4px 4px #EA6317; box-shadow:4px 4px 4px  
4px #EA6317 }
```

Background

The CSS property to change the background color of an element to Hex EA6317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA6317 }
```

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

```
.background{ background-color:#EA6317 }
```

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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