

Converting Colors

Hex(EA7935)

Have a look what the booklet for
Hex(EA7935) contains.

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Color

Hex(EA7935)

Conversions

Conversions Part 1

Format	Color
Hex	EA7935
RGB	234, 121, 53
RGB Percent	92%, 47%, 21%
CMY	0.0824, 0.5255, 0.7922
CMYK	0.00, 0.48, 0.77, 0.08
HSL	23°, 81%, 56%
HSV	23°, 77%, 92%
XYZ	41.4117, 31.4242, 7.2510
YIQ	147.0350, 89.1760, 2.8080

Conversions

Conversions Part 2

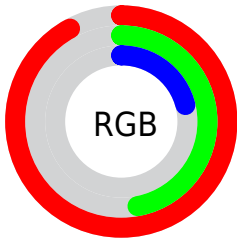
Format	Color
RYB	234, 162, 53
Decimal	15366453
CIELab	62.86, 39.12, 54.91
CIELCh	63, 67.417, 54.531
Yxy	31.4242, 0.5171, 0.3924
Android (android.graphics.Color)	4293556533 (0xFFEA7935)
YUV	147.0350, -46.3593, 76.2683
Hunter-Lab	56.0573, 33.7645, 31.5710

Details

The Hex color **EA7935** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **35A6EA**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFAF68**, and **AC4600** is the 20% darker color. If you saturate the color by 10%, you get **EA6A1E**, and if you desaturate by 10%, it is **EA884C**.

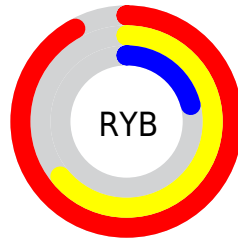
Distribution



Red (92%)

Green (47%)

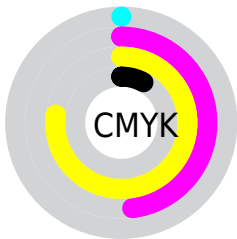
Blue (21%)



Red (92%)

Yellow (64%)

Blue (21%)

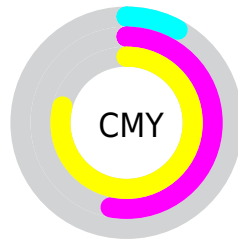


Cyan (0%)

Magenta (48%)

Yellow (77%)

Black (8%)



Cyan (8%)

Magenta (53%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA7935 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 EA7935 by changing the saturation by 10% instead.

EA7935

EA7935

FFFFFF

CB5F1B

FFAF68

AC4600

FFCB82

8D2C00

FFE79D

6F1100

FFFFB9

520000

FFFFD5

370000

FFFFF2

130000

000000

EA7935

EA7935

 EA6A1E

 EA884C

 EA5C06

 EA9664

 EA5800

 EAA57B

 EAB393

 EAC2AA

 EAD1C1

 EADFD9

 EAEEF0

 EAFCFF

Harmonies

Analogous

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



FF616A



EA7935



BF9102

Triad

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



EA7935



00B38B



828DFF

Complementary

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



EA7935



35A6EA

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.



00A2FF



EA7935



00B4C8

Square

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



EA7935



2DAE4E



00AFF9



D671DF

Rectangle

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



EA7935



9A9E03



00AFF9



5295FF

Sweetspot

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



EA7935



FFDAC4



EA35A8



80695C



000000



808080

Same Dimension

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



EA7935



FF6B12



EAD235



756E6A



B54400



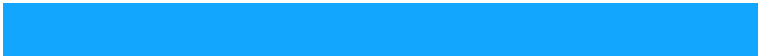
361400

Inverse Universe

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



35A6EA



12A6FF



354DEA



6A7175



0071B5



002136

Previews

White Background



This preview shows how the Hex color EA7935 looks on a white background.

Color Contrast Check

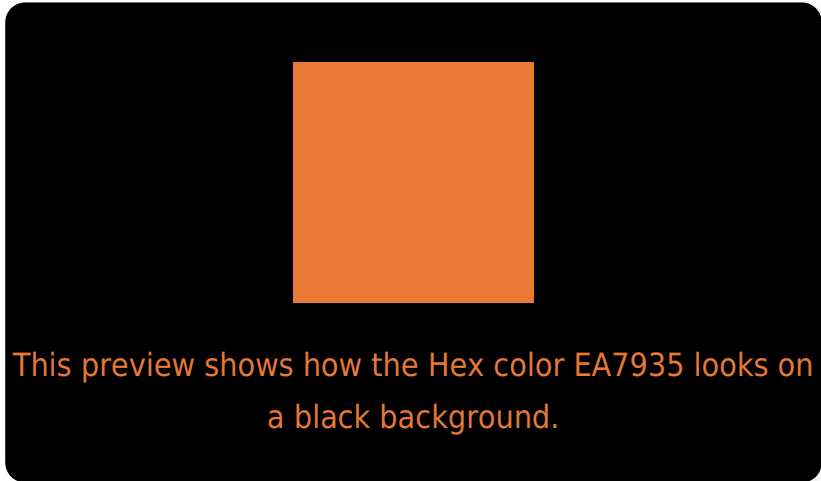
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex EA7935 Background



This preview shows how black text looks on a background with the Hex color EA7935.



This preview shows how white text looks on a background with the Hex color EA7935.

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

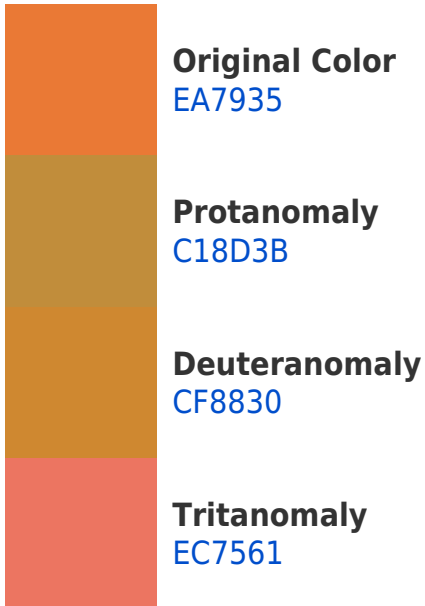


Original Color
EA7935

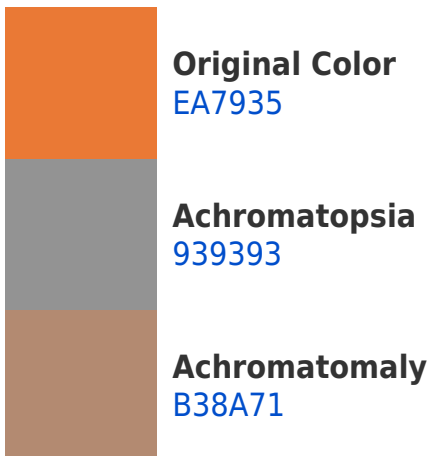
Protanopia
AA993E

Deuteranopia
BF912D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EA7935 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 #EA7935 looks like.

```
.text, #text, p{  
    color:#EA7935  
}
```

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 #EA7935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA7935
}
```

Border

The CSS property to change the border of an element to Hex EA7935 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
#EA7935 }
```

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

```
.border{ border-color:#EA7935 }
```

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

Here you see how a box with a 4 pixel #EA7935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA7935; -webkit-box-shadow:4px 4px  
4px 4px #EA7935; box-shadow:4px 4px 4px  
4px #EA7935 }
```

Background

The CSS property to change the background color of an element to Hex EA7935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA7935 }
```

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

```
.background{ background-color:#EA7935 }
```

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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