

Converting Colors

Hex(EA7D34)

Have a look what the booklet for
Hex(EA7D34) contains.

Hex(EA7D34)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EA7D34)

Conversions

Conversions Part 1

Format	Color
Hex	EA7D34
RGB	234, 125, 52
RGB Percent	92%, 49%, 20%
CMY	0.0824, 0.5098, 0.7961
CMYK	0.00, 0.47, 0.78, 0.08
HSL	24°, 81%, 56%
HSV	24°, 78%, 92%
XYZ	41.8851, 32.4076, 7.2965
YIQ	149.2690, 88.3970, 0.4050

Conversions

Conversions Part 2

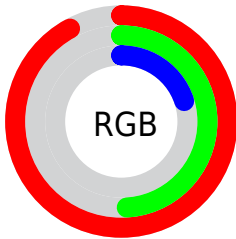
Format	Color
R _Y B	234, 174, 52
Decimal	15367476
CIE Lab	63.68, 37.05, 56.14
CIE LCh	64, 67.264, 56.578
Yxy	32.4076, 0.5134, 0.3972
Android (android.graphics.Color)	4293557556 (0xFFEA7D34)
YUV	149.2690, -47.9536, 74.3091
Hunter-Lab	56.9277, 31.7099, 32.2501

Details

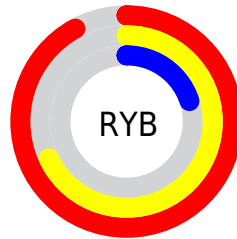
The Hex color **EA7D34** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **34A1EA**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFB367**, and **AC4A00** is the 20% darker color. If you saturate the color by 10%, you get **EA6F1D**, and if you desaturate by 10%, it is **EA8B4B**.

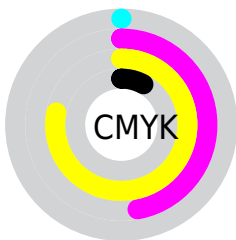
Distribution



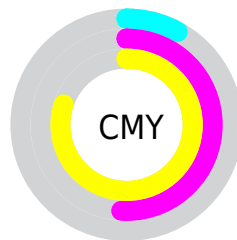
- Red (92%)
- Green (49%)
- Blue (20%)



- Red (92%)
- Yellow (68%)
- Blue (20%)



- Cyan (0%)
- Magenta (47%)
- Yellow (78%)
- Black (8%)



- Cyan (8%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA7D34 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 EA7D34 by changing the saturation by 10% instead.

 EA7D34

 EA7D34

FFFFFF

 CB6319

 FFB367

 AC4A00

 FFCF82

 8E3100

 FFEB9D

 6F1700

 FFFF80

 520000

 FFFFD4

 370000

 FFFFF1

 150000

 000000

 EA7D34

 EA7D34

 EA6F1D

 EA8B4B

 EA6105

 EA9963

 EA5E00

 EAA77A

 EAB592

 EAC3A9

 EAD1C0

 EADFD8

 EAEDF8

 EAFBFF

Harmonies

Analogous

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



FF6568



EA7D34



BE9505

Triad

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



EA7D34



00B691



8C8DFE

Complementary

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



EA7D34



34A1EA

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.



00A3FF



EA7D34



00B6CE

Square

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



EA7D34



24B154



00B1FE



DC72DD

Rectangle

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



EA7D34



98A20D



00B1FE



6196FF

Sweetspot

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



EA7D34



FFDCC4



EA34A1



806A5C



000000



808080

Same Dimension

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



EA7D34



FF7112



EAD834



756E6A



B54900



361500

Inverse Universe

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



34A1EA



12A0FF



3446EA



6A7175



006CB5



002036

Previews

White Background



This preview shows how the Hex color EA7D34 looks on a white background.

Color Contrast Check

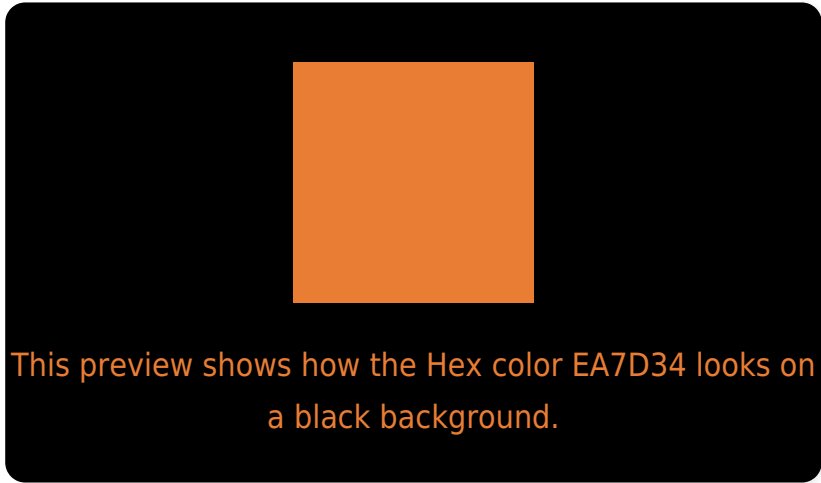
Large Text (above 18pt) WCAG AA × Fail

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 EA7D34 Background



This preview shows how black text looks on a background with the Hex color EA7D34.



This preview shows how white text looks on a background with the Hex color EA7D34.

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
EA7D34

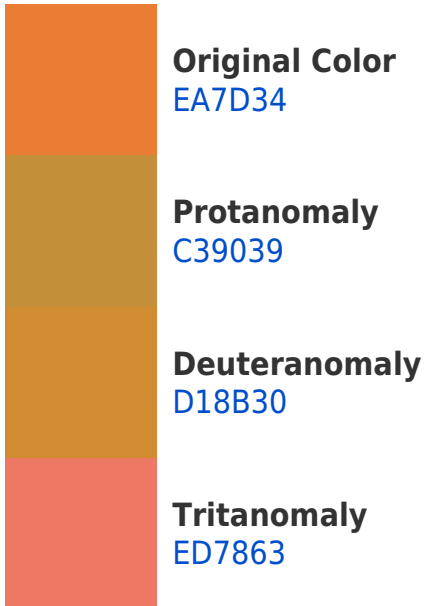
Protanopia
AD9B3C

Deuteranopia
C2932D



Tritanopia
EE757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EA7D34 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 #EA7D34 looks like.

```
.text, #text, p{  
    color:#EA7D34  
}
```

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 #EA7D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA7D34
}
```

Border

The CSS property to change the border of an element to Hex EA7D34 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
#EA7D34 }
```

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

```
.border{ border-color:#EA7D34 }
```

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

Here you see how a box with a 4 pixel #EA7D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA7D34; -webkit-box-shadow:4px 4px  
4px 4px #EA7D34; box-shadow:4px 4px 4px  
4px #EA7D34 }
```

Background

The CSS property to change the background color of an element to Hex EA7D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA7D34 }
```

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

```
.background{ background-color:#EA7D34 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor