

Converting Colors

Hex(E79A42)

Have a look what the booklet for
Hex(E79A42) contains.

Hex(E79A42)	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(E79A42)

Conversions

Conversions Part 1

Format	Color
Hex	E79A42
RGB	231, 154, 66
RGB Percent	91%, 60%, 26%
CMY	0.0941, 0.3961, 0.7412
CMYK	0.00, 0.33, 0.71, 0.09
HSL	32°, 77%, 58%
HSV	32°, 71%, 91%
XYZ	45.4940, 40.4935, 10.5725
YIQ	166.9910, 74.1400, -11.0440

Conversions

Conversions Part 2

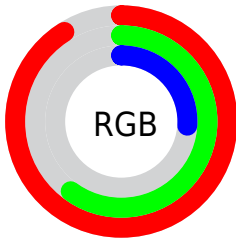
Format	Color
R _Y B	210, 231, 66
Decimal	15178306
CIE Lab	69.82, 21.21, 56.04
CIE LCh	70, 59.918, 69.272
Yxy	40.4935, 0.4711, 0.4194
Android (android.graphics.Color)	4293368386 (0xFFE79A42)
YUV	166.9910, -49.7886, 56.1359
Hunter-Lab	63.6345, 16.2540, 34.6935

Details

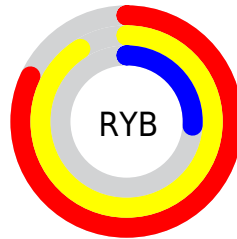
The Hex color **E79A42** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **428FE7**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFD176**, and **AB6707** is the 20% darker color. If you saturate the color by 10%, you get **E78F2B**, and if you desaturate by 10%, it is **E7A559**.

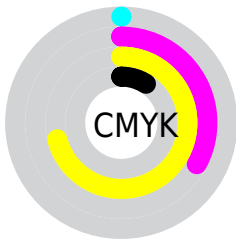
Distribution



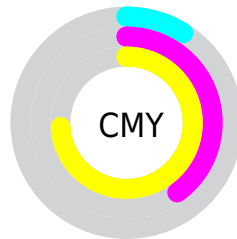
- Red (91%)
- Green (60%)
- Blue (26%)



- Red (82%)
- Yellow (91%)
- Blue (26%)



- Cyan (0%)
- Magenta (33%)
- Yellow (71%)
- Black (9%)



- Cyan (9%)
- Magenta (40%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color E79A42 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 E79A42 by changing the saturation by 10% instead.

 E79A42

 E79A42

FFFFFF

 C98028

 FFD176

 AB6707

 FFED91

 8D4E00

 FFFFAC

 703700

 FFFFC8

 542100

 FFFF E5

 390C00

 220001

 000000

 E79A42

 E79A42

 E78F2B

 E7A559

 E78414

 E7B070

 E77B00

 E7BA87

 E7C59E

 E7D0B6

 E7DBCD

 E7E5E4

 E7F0FB

 E7FBFF

Harmonies

Analogous

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



FF8568



E79A42



B8AD37

Triad

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



E79A42



00C5BA



C495FF

Complementary

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



E79A42



428FE7

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.



62ABFF



E79A42



00C3EE

Square

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



E79A42



04C382



00BBFF



FA80D2

Rectangle

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



E79A42



93B745



00BBFF



AA9DFF

Sweetspot

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



E79A42



FFE6C9



E7428F



807160



000000



808080

Same Dimension

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



E79A42



FF9924



E2E742



736D67



B35F00



331B00

Inverse Universe

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



428FE7



248AFF



4842E7



676D73



0053B3



001833

Previews

White Background



This preview shows how the Hex color E79A42 looks on a white background.

Color Contrast Check

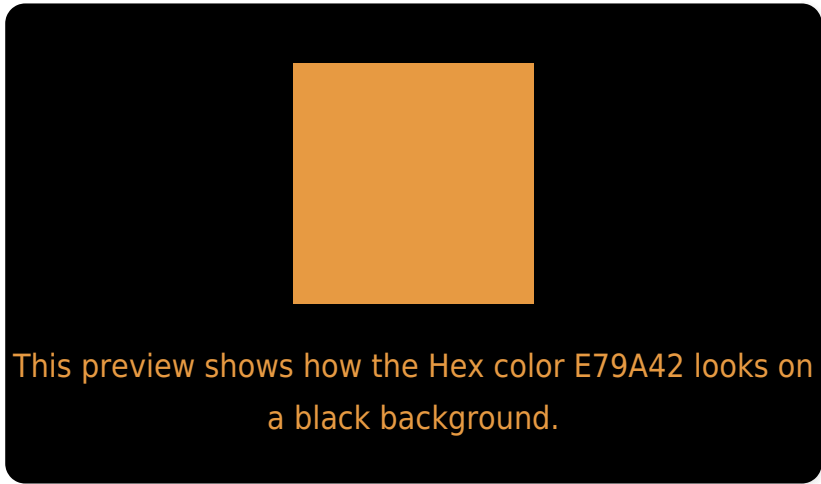
Large Text (above 18pt) WCAG AA × Fail

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 E79A42 Background



This preview shows how black text looks on a background with the Hex color E79A42.



This preview shows how white text looks on a background with the Hex color E79A42.

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
E79A42

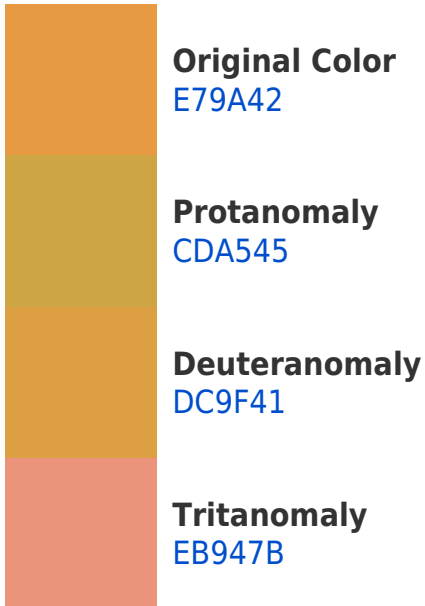
Protanopia
BEAB47

Deuteranopia
D5A240



Tritanopia
ED919B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E79A42 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 #E79A42 looks like.

```
.text, #text, p{  
    color:#E79A42  
}
```

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 #E79A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E79A42
}
```

Border

The CSS property to change the border of an element to Hex E79A42 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
#E79A42 }
```

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

```
.border{ border-color:#E79A42 }
```

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

Here you see how a box with a 4 pixel #E79A42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E79A42; -webkit-box-shadow:4px 4px  
4px 4px #E79A42; box-shadow:4px 4px 4px  
4px #E79A42 }
```

Background

The CSS property to change the background color of an element to Hex E79A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E79A42 }
```

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

```
.background{ background-color:#E79A42 }
```

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