

Converting Colors

Hex(E3952A)

Have a look what the booklet for
Hex(E3952A) contains.

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Color

Hex(E3952A)

Conversions

Conversions Part 1

Format	Color
Hex	E3952A
RGB	227, 149, 42
RGB Percent	89%, 58%, 16%
CMY	0.1098, 0.4157, 0.8353
CMYK	0.00, 0.34, 0.81, 0.11
HSL	35°, 77%, 53%
HSV	35°, 81%, 89%
XYZ	42.8439, 37.9930, 7.2657
YIQ	160.1240, 80.8350, -16.7410

Conversions

Conversions Part 2

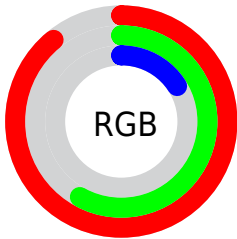
Format	Color
R _Y B	177, 227, 42
Decimal	14914858
CIE Lab	68.02, 21.24, 63.73
CIE LCh	68, 67.178, 71.571
Yxy	37.9930, 0.4863, 0.4312
Android (android.graphics.Color)	4293104938 (0xFFE3952A)
YUV	160.1240, -58.2351, 58.6503
Hunter-Lab	61.6384, 16.2054, 36.1580

Details

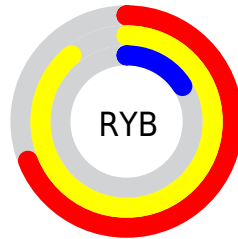
The Hex color **E3952A** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2A78E3**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFCB61**, and **A66200** is the 20% darker color. If you saturate the color by 10%, you get **E38B13**, and if you desaturate by 10%, it is **E39F41**.

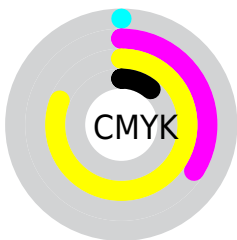
Distribution



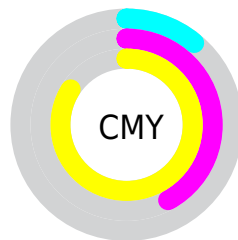
- Red (89%)
- Green (58%)
- Blue (16%)



- Red (69%)
- Yellow (89%)
- Blue (16%)



- Cyan (0%)
- Magenta (34%)
- Yellow (81%)
- Black (11%)



- Cyan (11%)
- Magenta (42%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3952A 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 E3952A by changing the saturation by 10% instead.

 E3952A

 E3952A

FFFFFF

 C47B04

 FFCB61

 A66200

 FFE77C

 894A00

 FFFF97

 6B3300

 FFFFB3

 4F1D00

 FFFFCF

 340800

 FFFFEC

 1A0001

 000000

 E3952A

 E3952A

 E38B13

 E39F41

 E38300

 E3A857

 E3B26E

 E3BB85

 E3C59B

 E3CEB2

 E3D8C9

 E3E2E0

 E3EBF6

Harmonies

Analogous

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



FF7C58



E3952A



AFAA1C

Triad

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



E3952A



00C3BC



C78BFF

Complementary

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



E3952A



2A78E3

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.



53A5FF



E3952A



00C0F5

Square

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



E3952A



00C07D



00B7FF



FF72CE

Rectangle

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



E3952A



84B434



00B7FF



AA94FF

Sweetspot

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



E3952A



FFE5C2



E32A7A



80705B



000000



808080

Same Dimension

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



E3952A



FF9605



D7E32A



736E67



B36700



331D00

Inverse Universe

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



2A78E3



056EFF



362AE3



676C73



004BB3



001633

Previews

White Background



This preview shows how the Hex color E3952A 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 E3952A Background



This preview shows how black text looks on a background with the Hex color E3952A.



This preview shows how white text looks on a background with the Hex color E3952A.

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
E3952A

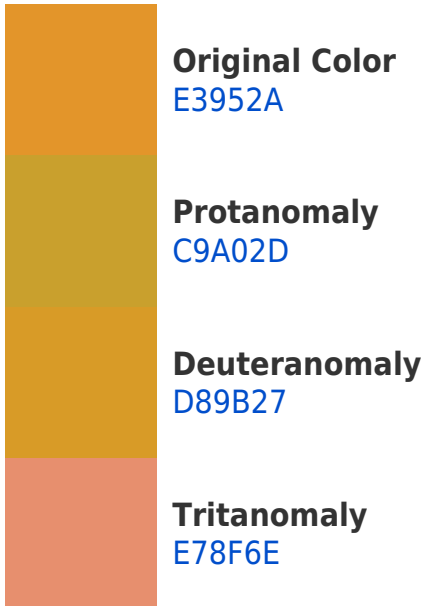
Protanopia
BAA72E

Deuteranopia
D19E26

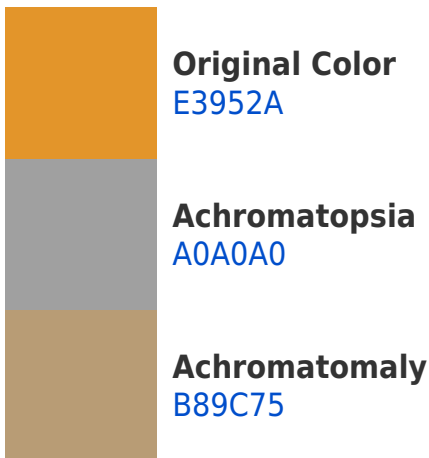


Tritanopia
E98B95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3952A 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 #E3952A looks like.

```
.text, #text, p{  
    color:#E3952A  
}
```

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 #E3952A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3952A
}
```

Border

The CSS property to change the border of an element to Hex E3952A 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
#E3952A }
```

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

```
.border{ border-color:#E3952A }
```

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

Here you see how a box with a 4 pixel #E3952A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3952A; -webkit-box-shadow:4px 4px  
4px 4px #E3952A; box-shadow:4px 4px 4px  
4px #E3952A }
```

Background

The CSS property to change the background color of an element to Hex E3952A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3952A }
```

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

```
.background{ background-color:#E3952A }
```

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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