

Converting Colors

Hex(E1933E)

Have a look what the booklet for
Hex(E1933E) contains.

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Color

Hex(E1933E)

Conversions

Conversions Part 1

Format	Color
Hex	E1933E
RGB	225, 147, 62
RGB Percent	88%, 58%, 24%
CMY	0.1176, 0.4235, 0.7569
CMYK	0.00, 0.35, 0.72, 0.12
HSL	31°, 73%, 56%
HSV	31°, 72%, 88%
XYZ	42.3546, 37.2228, 9.5098
YIQ	160.6320, 73.7730, -9.8990

Conversions

Conversions Part 2

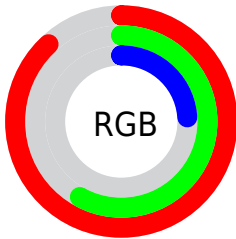
Format	Color
R_{YB}	212, 225, 62
Decimal	14783294
CIE _{Lab}	67.44, 22.23, 55.13
CIE _{LCh}	67, 59.447, 68.036
Yxy	37.2228, 0.4754, 0.4178
Android (android.graphics.Color)	4292973374 (0xFFE1933E)
YUV	160.6320, -48.6256, 56.4507
Hunter-Lab	61.0105, 17.1495, 33.4657

Details

The Hex color **E1933E** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **3E8CE1**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFC972**, and **A56002** is the 20% darker color. If you saturate the color by 10%, you get **E18828**, and if you desaturate by 10%, it is **E19E55**.

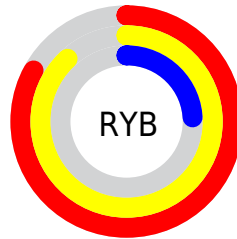
Distribution



Red (88%)

Green (58%)

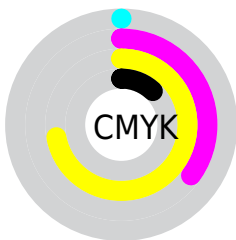
Blue (24%)



Red (83%)

Yellow (88%)

Blue (24%)

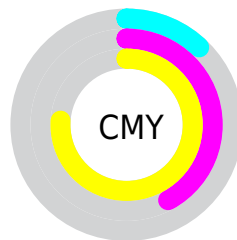


Cyan (0%)

Magenta (35%)

Yellow (72%)

Black (12%)



Cyan (12%)

Magenta (42%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1933E 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 E1933E by changing the saturation by 10% instead.

 E1933E

 E1933E

FFFFFF

 C37924

 FFC972

 A56002

 FFE58D

 874800

 FFFFA8

 6B3100

 FFFF C4

 4E1B00

 FFFF E0

 330500

FFFFFF D

 180001

 000000

 E1933E

 E1933E

 E18828

 E19E55

 E17D11

 E1A96B

 E17500

 E1B382

 E1BE98

 E1C9AF

 E1D4C5

 E1DEDC

 E1E9F2

 E1F4FF

Harmonies

Analogous

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



FF7E65



E1933E



B4A631

Triad

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



E1933E



00BEB2



BA90F9

Complementary

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



E1933E



3E8CE1

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.



55A5FF



E1933E



00BCE5

Square

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



E1933E



05BC7A



00B5FF



F07BCD

Rectangle

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



E1933E



8FB03F



00B5FF



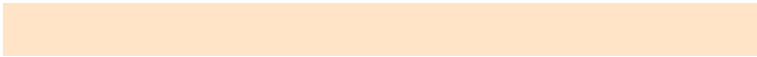
A098FF

Sweetspot

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



E1933E



FFE4C7



E13E8D



80705E



000000



808080

Same Dimension

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



E1933E



FF9521



DEE13E



706B65



B05C00



301900

Inverse Universe

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



3E8CE1



218BFF



413EE1



656A70



0054B0



001730

Previews

White Background



This preview shows how the Hex color E1933E 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

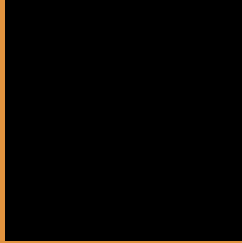
Any Text WCAG AA ✓ Pass

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 E1933E Background



This preview shows how black text looks on a background with the Hex color E1933E.



This preview shows how white text looks on a background with the Hex color E1933E.

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
E1933E

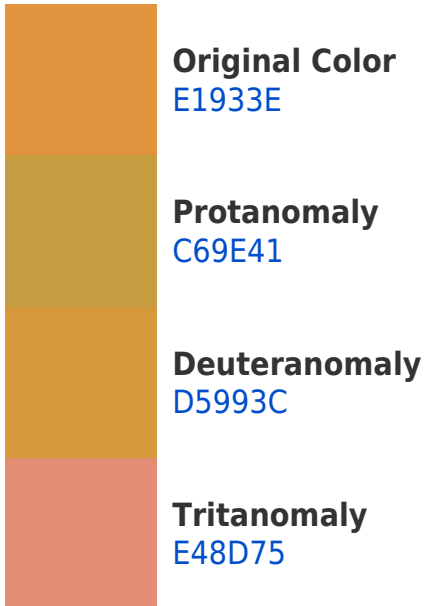
Protanopia
B7A543

Deuteranopia
CE9C3B



Tritanopia
E68A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E1933E 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 #E1933E looks like.

```
.text, #text, p{  
    color:#E1933E  
}
```

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 #E1933E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1933E
}
```

Border

The CSS property to change the border of an element to Hex E1933E 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
#E1933E }
```

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

```
.border{ border-color:#E1933E }
```

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

Here you see how a box with a 4 pixel #E1933E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1933E; -webkit-box-shadow:4px 4px  
4px 4px #E1933E; box-shadow:4px 4px 4px  
4px #E1933E }
```

Background

The CSS property to change the background color of an element to Hex E1933E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1933E }
```

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

```
.background{ background-color:#E1933E }
```

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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