

# Converting Colors

Hex(E96234)

Have a look what the booklet for  
Hex(E96234) contains.

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**Color**

**Hex(E96234)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E96234
RGB	233, 98, 52
RGB Percent	91%, 38%, 20%
CMY	0.0863, 0.6157, 0.7961
CMYK	0.00, 0.58, 0.78, 0.09
HSL	15°, 80%, 56%
HSV	15°, 78%, 91%
XYZ	38.5918, 26.3069, 6.2925
YIQ	133.1210, 95.2260, 14.3140

# Conversions

## Conversions Part 2

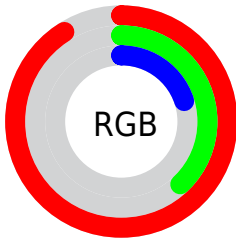
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">233, 114, 52</a>
Decimal	<a href="#">15295028</a>
CIELab	<a href="#">58.33, 49.87, 50.83</a>
CIElCh	<a href="#">58, 71.205, 45.545</a>
Yxy	<a href="#">26.3069, 0.5421, 0.3695</a>
Android (android.graphics.Color)	<a href="#">4293485108</a> (0xFFE96234)
YUV	<a href="#">133.1210, -39.9927, 87.5939</a>
Hunter-Lab	<a href="#">51.2903, 44.5488, 28.6292</a>

# Details

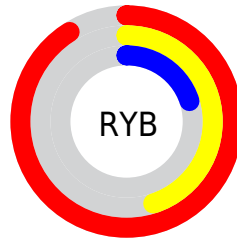
The Hex color **E96234** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **34BBE9**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9866**, and **AA2B00** is the 20% darker color. If you saturate the color by 10%, you get **E9511D**, and if you desaturate by 10%, it is **E9734B**.

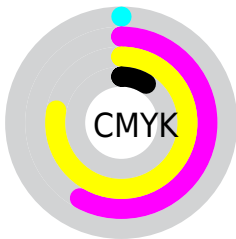
# Distribution



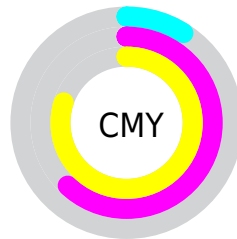
- Red (91%)
- Green (38%)
- Blue (20%)



- Red (91%)
- Yellow (45%)
- Blue (20%)



- Cyan (0%)
- Magenta (58%)
- Yellow (78%)
- Black (9%)



- Cyan (9%)
- Magenta (62%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E96234 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 E96234 by changing the saturation by 10% instead.



 E96234

 E96234

FFFFFF

 C9471B

 FF9866

 AA2B00

 FFB47F

 8B0500

 FFD19A

 6C0000

 FFEEB5

 4E0000

 FFFFD1

 340002

 FFFFEE

 000000

 E96234

 E96234

 E9511D

 E9734B

 E93F05

 E98563

 E93B00

 E9967A

 E9A891

 E9B9A9

 E9CAC0

 E9DCD7

 E9EDEE

 E9FEFF

# Harmonies

## Analogous

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



FA496F



E96234



C17E00

# Triad

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



E96234



00A76B



3A89FF

# Complementary

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



E96234



34BBE9

# 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.



009CFF



E96234



00A8AC

# Square

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



E96234



3CA02A



00A6E4



B76CE4

# Rectangle

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



E96234



9E8D00



00A6E4



0090FF



# Sweetspot

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



E96234



FFD3C4



E934BC



80655C



000000



808080



# Same Dimension

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



E96234



FF4E12



E9BC34



756D6A



B52E00



360E00



# Inverse Universe

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



34BBE9



12C3FF



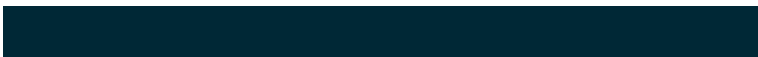
3461E9



6A7275



0087B5



002836



# Previews

## White Background



This preview shows how the Hex color E96234 looks on a white background.

## Color Contrast Check

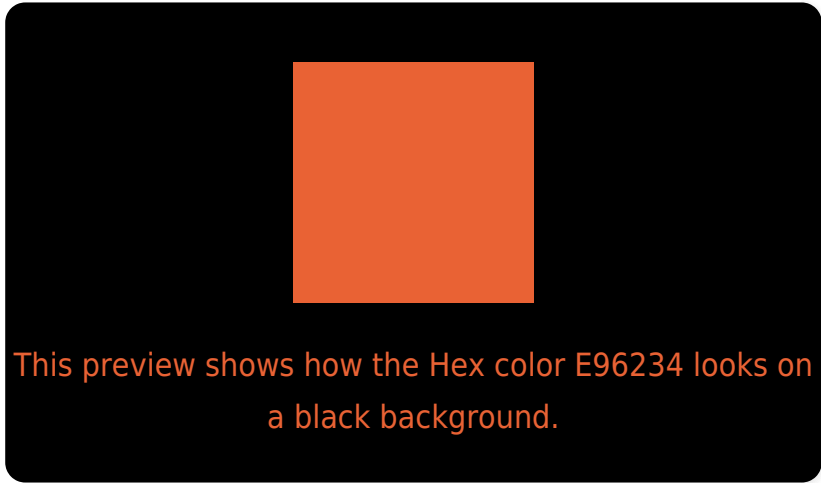
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex E96234 Background



This preview shows how black text looks on a background with the Hex color E96234.



This preview shows how white text looks on a background with the Hex color E96234.

# 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](#).

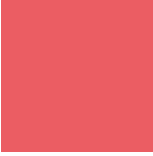
## Dichromacy



**Original Color**  
E96234

**Protanopia**  
9C8D40

**Deuteranopia**  
B0862A



**Tritanopia**  
EB5D63

# Trichromacy



**Original Color**  
E96234

**Protanomaly**  
B87D3C

**Deuteranomaly**  
C5792E

**Tritanomaly**  
EA5F52

# Monochromacy



**Original Color**  
E96234

**Achromatopsia**  
858585

**Achromatomaly**  
A97868

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E96234 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 #E96234 looks like.

```
.text, #text, p{  
    color:#E96234  
}
```

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 #E96234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E96234
}
```

## Border

The CSS property to change the border of an element to Hex E96234 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
#E96234 }
```

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

```
.border{ border-color:#E96234 }
```

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

Here you see how a box with a 4 pixel #E96234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E96234; -webkit-box-shadow:4px 4px  
4px 4px #E96234; box-shadow:4px 4px 4px  
4px #E96234 }
```

# Background

The CSS property to change the background color of an element to Hex E96234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E96234 }
```

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

```
.background{ background-color:#E96234 }
```

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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