

# Converting Colors

Hex(E36144)

Have a look what the booklet for  
Hex(E36144) contains.

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**Color**

**Hex(E36144)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E36144
RGB	227, 97, 68
RGB Percent	89%, 38%, 27%
CMY	0.1098, 0.6196, 0.7333
CMYK	0.00, 0.57, 0.70, 0.11
HSL	11°, 74%, 58%
HSV	11°, 70%, 89%
XYZ	36.9966, 25.2976, 8.4018
YIQ	132.5640, 86.7890, 18.5410

# Conversions

## Conversions Part 2

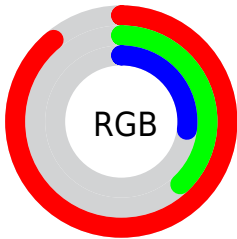
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 103, 68
Decimal	14901572
CIE <sub>Lab</sub>	57.36, 48.85, 41.34
CIE <sub>LCh</sub>	57, 63.994, 40.245
Yxy	25.2976, 0.5233, 0.3578
Android (android.graphics.Color)	4293091652 (0xFFE36144)
YUV	132.5640, -31.8301, 82.8204
Hunter-Lab	50.2968, 43.2794, 25.3036

# Details

The Hex color **E36144** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **44C6E3**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9775**, and **A52A16** is the 20% darker color. If you saturate the color by 10%, you get **E34E2D**, and if you desaturate by 10%, it is **E3745B**.

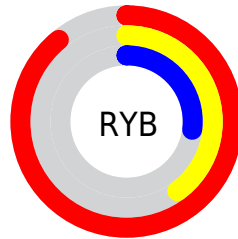
# Distribution



Red (89%)

Green (38%)

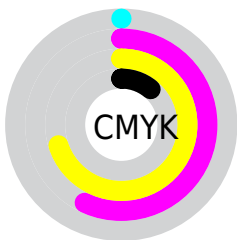
Blue (27%)



Red (89%)

Yellow (40%)

Blue (27%)

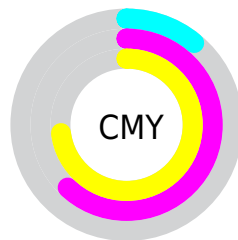


Cyan (0%)

Magenta (57%)

Yellow (70%)

Black (11%)



Cyan (11%)

Magenta (62%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E36144 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 E36144 by changing the saturation by 10% instead.



 E36144

 E36144

FFFFFF

 C4462D

 FF9775

 A52A16

 FFB38F

 870500

 FFD0AA

 680000

 FFECC5

 4B0000

 FFFF E2

 300002

FFFFFFE

 000000

 E36144

 E36144

 E34E2D

 E3745B

 E33C17

 E38671

 E32900

 E39988

 E3AB9F

 E3BEB5

 E3D0CC

 E3E3E3

 E3F5FA

 E3FFFF

# Harmonies

## Analogous

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



EE5179



E36144



C27913

# Triad

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



E36144



00A162



228AF8

# Complementary

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



E36144



44C6E3

# 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.



009AF3



E36144



00A49C

# Square

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



E36144



559A2B



00A2D1



A472E0

# Rectangle

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



E36144



A48700



00A2D1



0090FA



# Sweetspot

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



E36144



FFD3C9



E344C8



806560



000000



808080



# Same Dimension

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



E36144



FF5029



E3AE44



736967



B32100



330900



# Inverse Universe

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



44C6E3



29D8FF



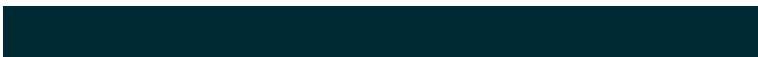
4479E3



677173



0092B3

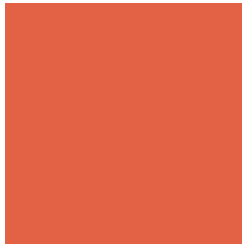


002A33



# Previews

## White Background



This preview shows how the Hex color E36144 looks on a white background.

## Color Contrast Check

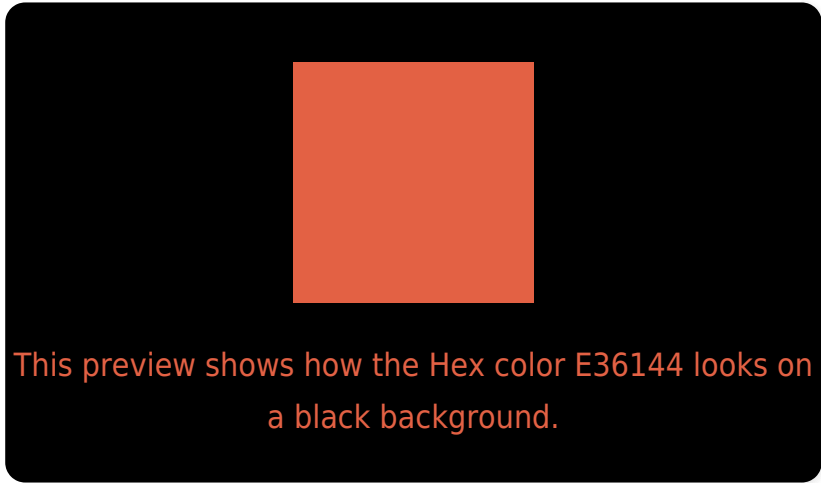
Large Text (above 18pt) WCAG AA ✓ Pass

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 E36144 Background



This preview shows how black text looks on a background with the Hex color E36144.



This preview shows how white text looks on a background with the Hex color E36144.

# 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**  
E36144

**Protanopia**  
978A52

**Deuteranopia**  
AB833D



**Tritanopia**  
E45D63

# Trichromacy



**Original Color**  
E36144

**Protanomaly**  
B37B4D

**Deuteranomaly**  
BF7740

**Tritanomaly**  
E45E58

# Monochromacy



**Original Color**  
E36144

**Achromatopsia**  
858585

**Achromatomaly**  
A7786D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E36144 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 #E36144 looks like.

```
.text, #text, p{  
    color:#E36144  
}
```

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 #E36144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E36144
}
```

## Border

The CSS property to change the border of an element to Hex E36144 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
#E36144 }
```

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

```
.border{ border-color:#E36144 }
```

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

Here you see how a box with a 4 pixel #E36144 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E36144; -webkit-box-shadow:4px 4px  
4px 4px #E36144; box-shadow:4px 4px 4px  
4px #E36144 }
```

# Background

The CSS property to change the background color of an element to Hex E36144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E36144 }
```

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

```
.background{ background-color:#E36144 }
```

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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