

# Converting Colors

Hex(E35244)

Have a look what the booklet for  
Hex(E35244) contains.

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**Color**

**Hex(E35244)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E35244
RGB	227, 82, 68
RGB Percent	89%, 32%, 27%
CMY	0.1098, 0.6784, 0.7333
CMYK	0.00, 0.64, 0.70, 0.11
HSL	5°, 74%, 58%
HSV	5°, 70%, 89%
XYZ	35.7392, 22.7828, 7.9827
YIQ	123.7590, 90.9140, 26.3860

# Conversions

## Conversions Part 2

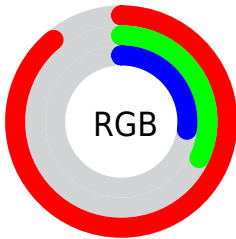
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 83, 68
Decimal	14897732
CIE Lab	54.85, 55.51, 38.44
CIE LCh	55, 67.522, 34.706
Yxy	22.7828, 0.5374, 0.3426
Android (android.graphics.Color)	4293087812 (0xFFE35244)
YUV	123.7590, -27.4892, 90.5424
Hunter-Lab	47.7314, 50.1234, 23.4962

# Details

The Hex color **E35244** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **44D5E3**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF8975**, and **A41217** is the 20% darker color. If you saturate the color by 10%, you get **E33D2D**, and if you desaturate by 10%, it is **E3675B**.

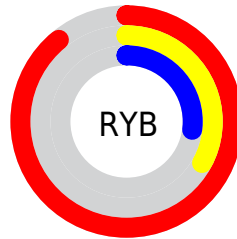
# Distribution



Red (89%)

Green (32%)

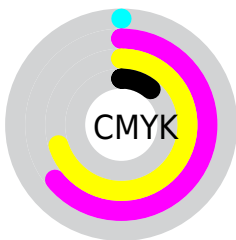
Blue (27%)



Red (89%)

Yellow (33%)

Blue (27%)

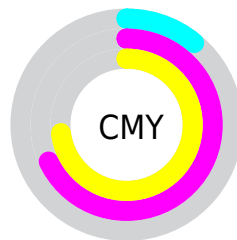


Cyan (0%)

Magenta (64%)

Yellow (70%)

Black (11%)



Cyan (11%)

Magenta (68%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E35244 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 E35244 by changing the saturation by 10% instead.



 E35244

 E35244

FFFFFF

 C4352D

 FF8975

 A41217

 FFA68F

 860000

 FFC2A9

 670000

 FFDFC5

 490001

 FFFCE1

 2D0001

FFFFFFD

 000000

 E35244

 E35244

 E33D2D

 E3675B

 E32917

 E37B71

 E31400

 E39088

 E3A59F

 E3BAB5

 E3CECC

 E3E3E3

 E3F8FA

 E3FFFF

# Harmonies

## Analogous

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



E9427D



E35244



C46D07

# Triad

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



E35244



009A4E



0088F9

# Complementary

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



E35244



44D5E3

# 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.



0096ED



E35244



009E8B

# Square

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



E35244



58920D



009DC5



8E6FE4

# Rectangle

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



E35244



A77D00



009DC5



008EF8



# Sweetspot

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



E35244



FFCEC9



E344D6



806260



000000



808080



# Same Dimension

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



E35244



FF3C29



E3A144



736867



B31000



330400



# Inverse Universe

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



44D5E3



29ECFF



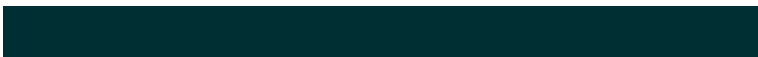
4486E3



677273



00A3B3



002F33



# Previews

## White Background



This preview shows how the Hex color E35244 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 E35244 Background



This preview shows how black text looks on a background with the Hex color E35244.



This preview shows how white text looks on a background with the Hex color E35244.

# 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**  
E35244

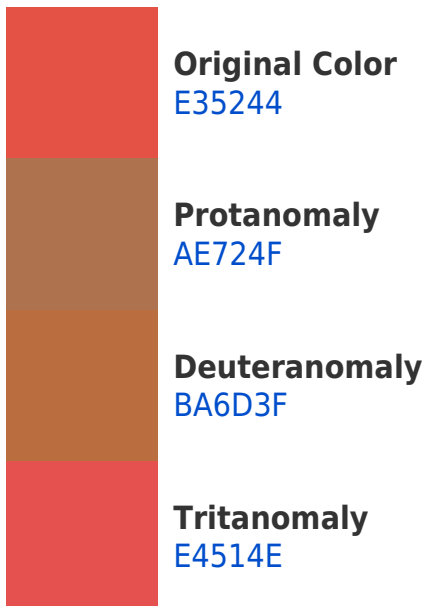
**Protanopia**  
8F8455

**Deuteranopia**  
A37D3C



**Tritanopia**  
E45054

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E35244 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 #E35244 looks like.

```
.text, #text, p{  
    color:#E35244  
}
```

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 #E35244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E35244
}
```

## Border

The CSS property to change the border of an element to Hex E35244 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
#E35244 }
```

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

```
.border{ border-color:#E35244 }
```

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

Here you see how a box with a 4 pixel #E35244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E35244; -webkit-box-shadow:4px 4px  
4px 4px #E35244; box-shadow:4px 4px 4px  
4px #E35244 }
```

# Background

The CSS property to change the background color of an element to Hex E35244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E35244 }
```

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

```
.background{ background-color:#E35244 }
```

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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