

# Converting Colors

Hex(E35251)

Have a look what the booklet for  
Hex(E35251) contains.

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**Color**

**Hex(E35251)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E35251
RGB	227, 82, 81
RGB Percent	89%, 32%, 32%
CMY	0.1098, 0.6784, 0.6824
CMYK	0.00, 0.64, 0.64, 0.11
HSL	0°, 72%, 60%
HSV	0°, 64%, 89%
XYZ	36.1810, 22.9596, 10.3093
YIQ	125.2410, 86.7410, 30.4290

# Conversions

## Conversions Part 2

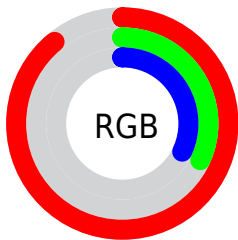
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 82, 81
Decimal	14897745
CIE Lab	55.03, 56.20, 31.31
CIE LCh	55, 64.335, 29.122
Yxy	22.9596, 0.5210, 0.3306
Android (android.graphics.Color)	4293087825 (0xFFE35251)
YUV	125.2410, -21.8108, 89.2426
Hunter-Lab	47.9161, 50.9305, 20.7849

# Details

The Hex color **E35251** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **51E2E3**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF8A82**, and **A51124** is the 20% darker color. If you saturate the color by 10%, you get **E33B3A**, and if you desaturate by 10%, it is **E36968**.

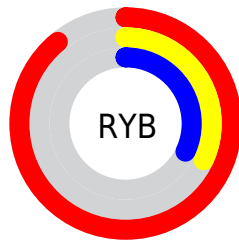
# Distribution



Red (89%)

Green (32%)

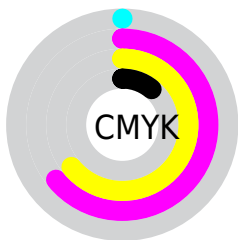
Blue (32%)



Red (89%)

Yellow (32%)

Blue (32%)

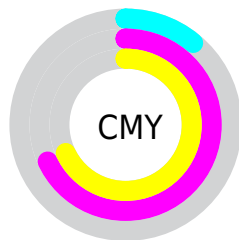


Cyan (0%)

Magenta (64%)

Yellow (64%)

Black (11%)



Cyan (11%)

Magenta (68%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E35251 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 E35251 by changing the saturation by 10% instead.



 E35251

 E35251

FFFFFF

 C4353A

 FF8A82

 A51124

 FFA69D

 860010

 FFC2B8

 680000

 FFDFD3

 4B0001

 FFFDF0

 2E0002

 000000

 E35251

 E35251

 E33B3A

 E36968

 E32524

 E37F7E

 E30E0D

 E39695

 E30200

 E3ACAC

 E3C3C3

 E3D9D9

 E3F0F0

 E3FFFF

# Harmonies

## Analogous

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



E44988



E35251



CA6A1F

# Triad

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



E35251



009947



008BF4

# Complementary

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



E35251



51E2E3

# 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.



0098E3



E35251



009D80

# Square

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



E35251



68900C



009DB9



7E76E6

# Rectangle

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



E35251



AF7A00



009DB9



0090F2



# Sweetspot

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



E35251



FFCFCF



E351E3



806262



000000



808080



# Same Dimension

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



E35251



FF3C3B



E39A51



736767



B30100



330000



# Inverse Universe

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



51E2E3



3BFEFF



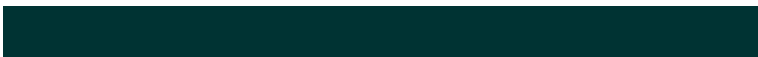
519AE3



677373



00B1B3



003333



# Previews

## White Background



This preview shows how the Hex color E35251 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 E35251 Background



This preview shows how black text looks on a background with the Hex color E35251.



This preview shows how white text looks on a background with the Hex color E35251.

# 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**  
E35251

**Protanopia**  
8D8465

**Deuteranopia**  
A17E49



# Trichromacy



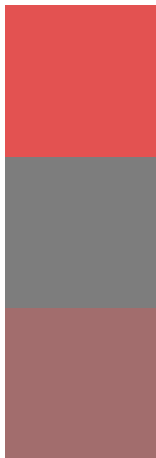
**Original Color**  
E35251

**Protanomaly**  
AC725E

**Deuteranomaly**  
B96E4C

**Tritanomaly**  
E35154

# Monochromacy



**Original Color**  
E35251

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
A26D6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E35251 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 #E35251 looks like.

```
.text, #text, p{  
    color:#E35251  
}
```

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 #E35251 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E35251
}
```

## Border

The CSS property to change the border of an element to Hex E35251 is called "border". The border property can be set on classes, ids or directly on the HTML element.

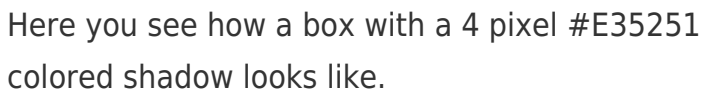
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E35251 }
```

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

```
.border{ border-color:#E35251 }
```

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



Here you see how a box with a 4 pixel #E35251 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E35251; -webkit-box-shadow:4px 4px  
4px 4px #E35251; box-shadow:4px 4px 4px  
4px #E35251 }
```

# Background

The CSS property to change the background color of an element to Hex E35251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E35251 }
```

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

```
.background{ background-color:#E35251 }
```

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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