

# Converting Colors

Hex(E35F53)

Have a look what the booklet for  
Hex(E35F53) contains.

<b>Hex(E35F53)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(E35F53)

# Conversions

## Conversions Part 1

Format	Color
Hex	E35F53
RGB	227, 95, 83
RGB Percent	89%, 37%, 33%
CMY	0.1098, 0.6275, 0.6745
CMYK	0.00, 0.58, 0.63, 0.11
HSL	5°, 72%, 61%
HSV	5°, 63%, 89%
XYZ	37.3321, 25.1398, 11.0685
YIQ	133.1000, 82.5240, 24.2520

# Conversions

## Conversions Part 2

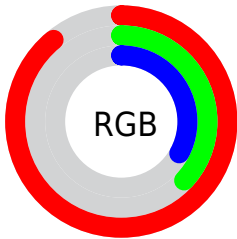
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 96, 83
Decimal	14901075
CIE <sub>Lab</sub>	57.21, 50.61, 32.89
CIE <sub>LCh</sub>	57, 60.352, 33.018
Yxy	25.1398, 0.5076, 0.3419
Android (android.graphics.Color)	4293091155 (0xFFE35F53)
YUV	133.1000, -24.6993, 82.3503
Hunter-Lab	50.1396, 45.1600, 22.0093

# Details

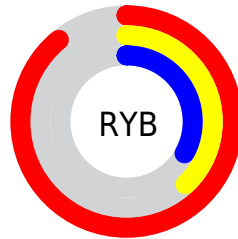
The Hex color **E35F53** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **53D7E3**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9685**, and **A52725** is the 20% darker color. If you saturate the color by 10%, you get **E34A3C**, and if you desaturate by 10%, it is **E3746A**.

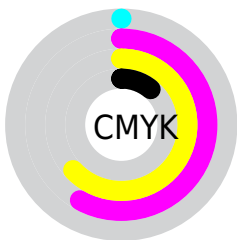
# Distribution



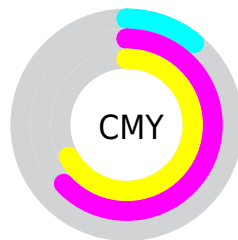
- Red (89%)
- Green (37%)
- Blue (33%)



- Red (89%)
- Yellow (38%)
- Blue (33%)



- Cyan (0%)
- Magenta (58%)
- Yellow (63%)
- Black (11%)



- Cyan (11%)
- Magenta (63%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E35F53 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 E35F53 by changing the saturation by 10% instead.



 E35F53

 E35F53

FFFFFF

 C4443C

 FF9685

 A52725

 FFB19F

 870011

 FFCEBA

 6A0000

 FFEBD6

 4C0000

 FFFFF2

 310002

 000000

 E35F53

 E35F53

 E34A3C

 E3746A

 E33526

 E38980

 E3210F

 E39D97

 E31300

 E3B2AE

 E3C7C4

 E3DCDB

 E3F1F2

 E3FFFF

# Harmonies

## Analogous

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



E75586



E35F53



C97527

# Triad

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



E35F53



009F57



008EF3

# Complementary

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



E35F53



53D7E3

# 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.



009BE7



E35F53



00A28D

# Square

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



E35F53



699727



00A1C1



9079E2

# Rectangle

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



E35F53



AE830F



00A1C1



0093F2



# Sweetspot

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



E35F53



FFD3CF



E353D7



806562



000000



808080



# Same Dimension

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



E35F53



FF4D3D



E3A753



736867



B30F00



330400



# Inverse Universe

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



53D7E3



3DEFFF



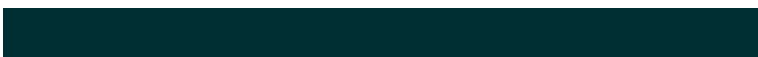
538FE3



677273



00A4B3



002F33



# Previews

## White Background



This preview shows how the Hex color E35F53 looks on a white background.

## Color Contrast Check

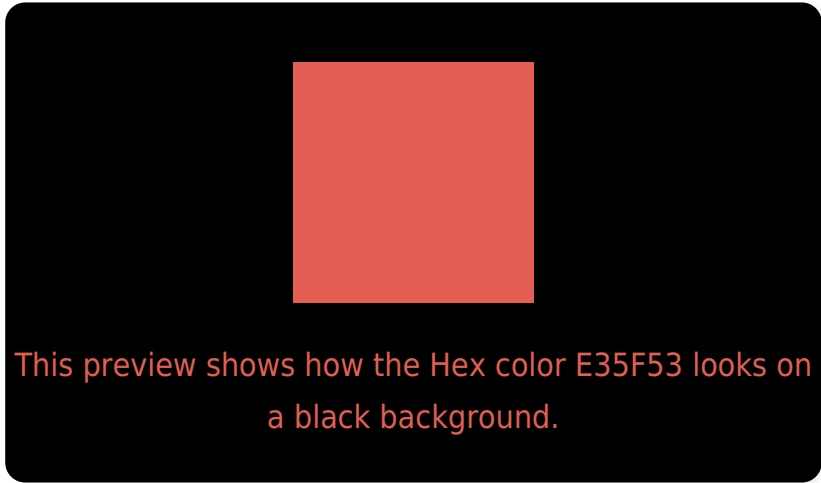
Large Text (above 18pt) WCAG AA ✓ Pass

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 E35F53 Background



This preview shows how black text looks on a background with the Hex color E35F53.

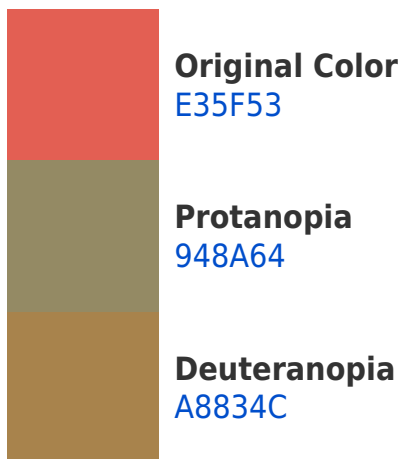


This preview shows how white text looks on a background with the Hex color E35F53.

# 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](#).

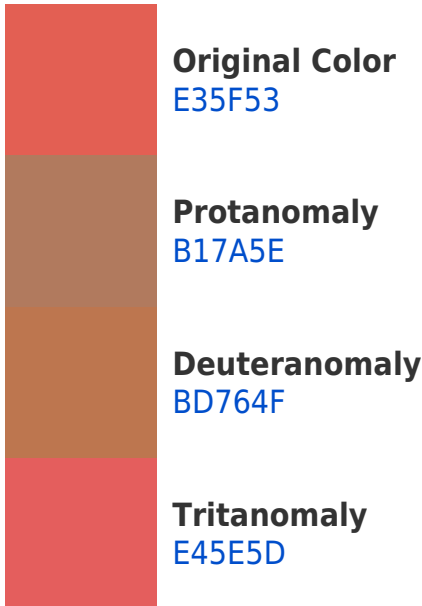
## Dichromacy





**Tritanopia**  
E45D63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E35F53 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 #E35F53 looks like.

```
.text, #text, p{  
    color:#E35F53  
}
```

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 #E35F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E35F53
}
```

## Border

The CSS property to change the border of an element to Hex E35F53 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
#E35F53 }
```

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

```
.border{ border-color:#E35F53 }
```

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

Here you see how a box with a 4 pixel #E35F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E35F53; -webkit-box-shadow:4px 4px  
4px 4px #E35F53; box-shadow:4px 4px 4px  
4px #E35F53 }
```

# Background

The CSS property to change the background color of an element to Hex E35F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E35F53 }
```

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

```
.background{ background-color:#E35F53 }
```

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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