

# Converting Colors

Hex(F55E57)

Have a look what the booklet for  
Hex(F55E57) contains.

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# Color

**Hex(F55E57)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F55E57
RGB	245, 94, 87
RGB Percent	96%, 37%, 34%
CMY	0.0392, 0.6314, 0.6588
CMYK	0.00, 0.62, 0.64, 0.04
HSL	3°, 89%, 65%
HSV	3°, 64%, 96%
XYZ	43.3792, 28.1060, 12.1555
YIQ	138.3510, 92.2430, 29.8350

# Conversions

## Conversions Part 2

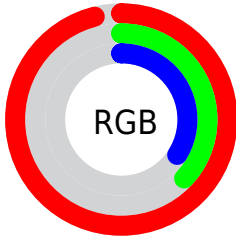
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 94, 87
Decimal	16080471
CIE <sub>Lab</sub>	59.98, 57.44, 34.71
CIE <sub>LCh</sub>	60, 67.113, 31.139
Yxy	28.1060, 0.5186, 0.3360
Android (android.graphics.Color)	4294270551 (0xFFFF55E57)
YUV	138.3510, -25.3160, 93.5312
Hunter-Lab	53.0151, 53.2798, 23.5163

# Details

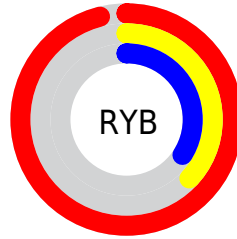
The Hex color **F55E57** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **57EEF5**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF9689**, and **B62229** is the 20% darker color. If you saturate the color by 10%, you get **F5473E**, and if you desaturate by 10%, it is **F57570**.

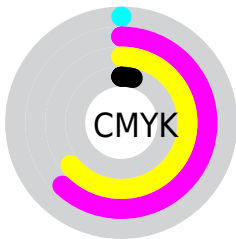
# Distribution



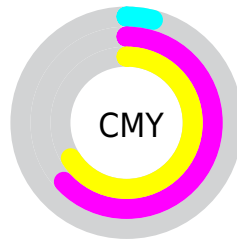
- Red (96%)
- Green (37%)
- Blue (34%)



- Red (96%)
- Yellow (37%)
- Blue (34%)



- Cyan (0%)
- Magenta (62%)
- Yellow (64%)
- Black (4%)



- Cyan (4%)
- Magenta (63%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F55E57 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 F55E57 by changing the saturation by 10% instead.



 F55E57

 F55E57

FFFFFF

 D5423F

 FF9689

 B62229

 FFB2A3

 970014

 FFCFBF

 790000

 FFEADB

 5A0000

 FFFFF7

 3F0003

 1C0001

 000000

 F55E57

 F55E57

 F5473E

 F57570

 F52F26

 F58D88

 F5180E

 F5A4A1

 F50B00

 F5BCB9

 F5D3D2

 F5EAEA

 F5FFFF

# Harmonies

## Analogous

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



F75391



F55E57



D97723

# Triad

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



F55E57



00A854



0097FF

# Complementary

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



F55E57



57EEF5

# 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.



00A5F8



F55E57



00AC91

# Square

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



F55E57



6F9F1A



00ABCC



9180F6

# Rectangle

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



F55E57



BB8800



00ABCC



009DFF



# Sweetspot

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



F55E57



FFD1CF



F557F0



806362



000000



808080



# Same Dimension

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



F55E57



FF433B



F5AB57



7A6F6E



BA0800



3B0300



# Inverse Universe

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



57EEF5



3BF6FF



57A1F5



6E7A7A



00B2BA



00383B



# Previews

## White Background



This preview shows how the Hex color F55E57 looks on a white background.

## Color Contrast Check

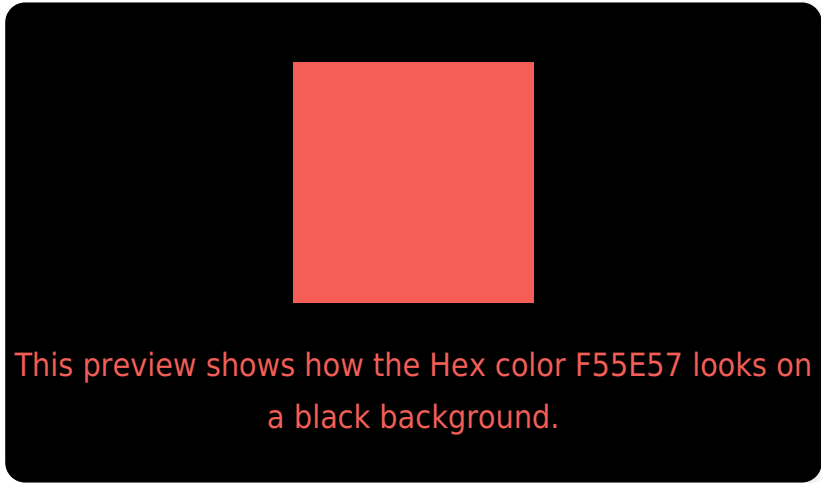
Large Text (above 18pt) WCAG AA ✓ Pass

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 F55E57 Background



This preview shows how black text looks on a background with the Hex color F55E57.

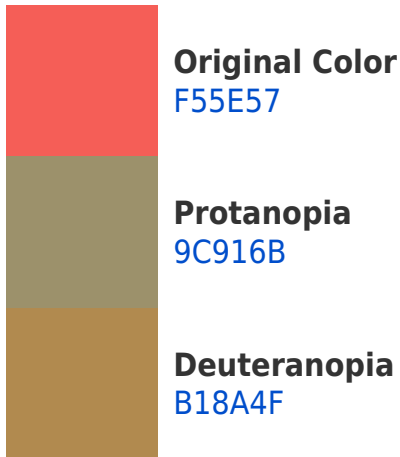


This preview shows how white text looks on a background with the Hex color F55E57.

# 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**  
F65C62

# Trichromacy



**Original Color**  
F55E57

**Protanomaly**  
BC7E64

**Deuteranomaly**  
CA7A52

**Tritanomaly**  
F65D5E

# Monochromacy



**Original Color**  
F55E57

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
B17A77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F55E57 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 #F55E57 looks like.

```
.text, #text, p{  
    color:#F55E57  
}
```

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 #F55E57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F55E57
}
```

## Border

The CSS property to change the border of an element to Hex F55E57 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
#F55E57 }
```

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

```
.border{ border-color:#F55E57 }
```

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

Here you see how a box with a 4 pixel #F55E57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F55E57; -webkit-box-shadow:4px 4px  
4px 4px #F55E57; box-shadow:4px 4px 4px  
4px #F55E57 }
```

# Background

The CSS property to change the background color of an element to Hex F55E57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F55E57 }
```

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

```
.background{ background-color:#F55E57 }
```

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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