

# Converting Colors

Hex(F55D67)

Have a look what the booklet for  
Hex(F55D67) contains.

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# Color

**Hex(F55D67)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F55D67
RGB	245, 93, 103
RGB Percent	96%, 36%, 40%
CMY	0.0392, 0.6353, 0.5961
CMYK	0.00, 0.62, 0.58, 0.04
HSL	356°, 88%, 66%
HSV	356°, 62%, 96%
XYZ	44.0187, 28.2205, 15.9590
YIQ	139.5880, 87.3820, 35.3340

# Conversions

## Conversions Part 2

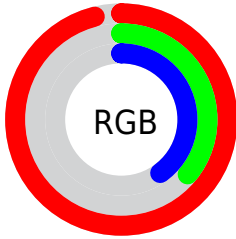
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 93, 103
Decimal	16080231
CIE <sub>Lab</sub>	60.09, 58.88, 25.74
CIE <sub>LCh</sub>	60, 64.260, 23.609
Yxy	28.2205, 0.4991, 0.3200
Android (android.graphics.Color)	4294270311 (0xFFFF55D67)
YUV	139.5880, -18.0379, 92.4463
Hunter-Lab	53.1229, 54.9436, 19.3743

# Details

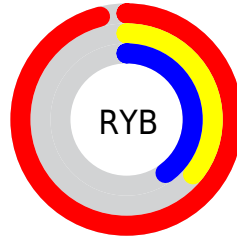
The Hex color **F55D67** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **5DF5EB**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF959A**, and **B71F38** is the 20% darker color. If you saturate the color by 10%, you get **F54450**, and if you desaturate by 10%, it is **F5757E**.

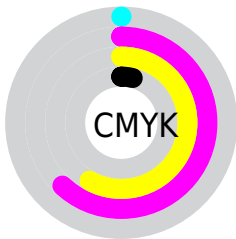
# Distribution



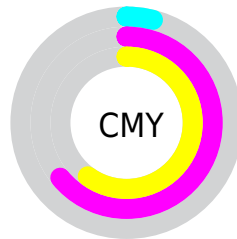
- Red (96%)
- Green (36%)
- Blue (40%)



- Red (96%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (62%)
- Yellow (58%)
- Black (4%)



- Cyan (4%)
- Magenta (64%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F55D67 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 F55D67 by changing the saturation by 10% instead.



 F55D67

 F55D67

FFFFFF

 D6404F

 FF959A

 B71F38

 FFB2B5

 980023

 FFCFD0

 7A000F

 FFECEd

 5C0000

 400003

 1E0001

 000000

 F55D67

 F55D67

 F54450

 F5757E

 F52C39

 F58E95

 F51322

 F5A6AC

 F50010

 F5BFC3

 F5D7D9

 F5F0F0

 F5FFFF

# Harmonies

## Analogous

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



F05A9F



F55D67



DF7335

# Triad

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



F55D67



31A549



009BFF

# Complementary

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



F55D67



5DF5EB

# 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.



00A7EB



F55D67



00AA82

# Square

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



F55D67



819B17



00ABB0



7987F9

# Rectangle

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



F55D67



C68317



00ABBD



00A0FD



# Sweetspot

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



F55D67



FFCFD2



EB5DF5



806264



000000



808080



# Same Dimension

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



F55D67



FF424F



F59F5D



7A6E6F



BA000C



3B0004



# Inverse Universe

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



F55D67



FF424F



5DB3F5



7A6E6F



BA000C



3B0004



# Previews

## White Background



This preview shows how the Hex color F55D67 looks on a white background.

## Color Contrast Check

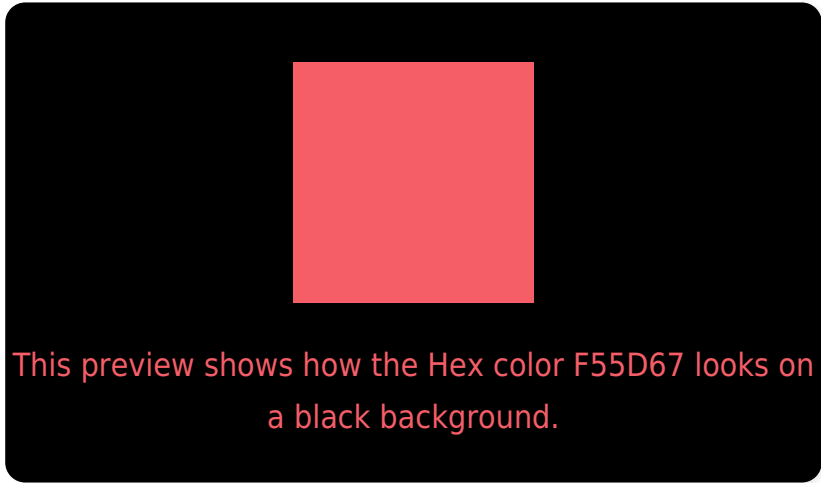
Large Text (above 18pt) WCAG AA ✓ Pass

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 F55D67 Background



This preview shows how black text looks on a background with the Hex color F55D67.

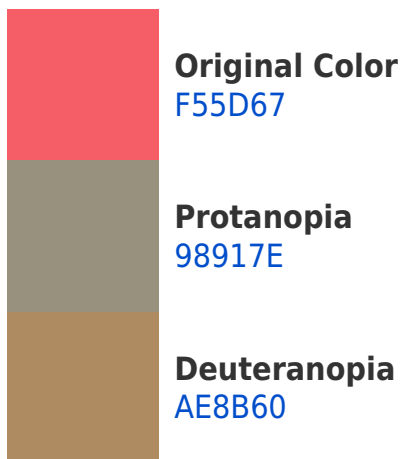


This preview shows how white text looks on a background with the Hex color F55D67.

# 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**  
F55E63

# Trichromacy



**Original Color**  
F55D67

**Protanomaly**  
BA7E76

**Deuteranomaly**  
C87A63

**Tritanomaly**  
F55E64

# Monochromacy



**Original Color**  
F55D67

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
B27B7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F55D67 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 #F55D67 looks like.

```
.text, #text, p{  
    color:#F55D67  
}
```

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 #F55D67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F55D67
}
```

## Border

The CSS property to change the border of an element to Hex F55D67 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
#F55D67 }
```

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

```
.border{ border-color:#F55D67 }
```

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

Here you see how a box with a 4 pixel #F55D67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F55D67; -webkit-box-shadow:4px 4px  
4px 4px #F55D67; box-shadow:4px 4px 4px  
4px #F55D67 }
```

# Background

The CSS property to change the background color of an element to Hex F55D67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F55D67 }
```

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

```
.background{ background-color:#F55D67 }
```

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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