

# Converting Colors

Hex(F55B51)

Have a look what the booklet for  
Hex(F55B51) contains.

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# Color

**Hex(F55B51)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F55B51
RGB	245, 91, 81
RGB Percent	96%, 36%, 32%
CMY	0.0392, 0.6431, 0.6824
CMYK	0.00, 0.63, 0.67, 0.04
HSL	4°, 89%, 64%
HSV	4°, 67%, 96%
XYZ	42.8825, 27.4887, 10.8303
YIQ	135.9060, 94.9940, 29.5380

# Conversions

## Conversions Part 2

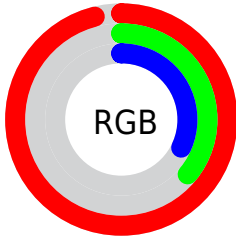
Format	Color
R <sub>Y</sub> B	245, 92, 81
Decimal	16079697
CIE Lab	59.42, 58.38, 37.37
CIE LCh	59, 69.322, 32.626
Yxy	27.4887, 0.5281, 0.3385
Android (android.graphics.Color)	4294269777 (0xFFFF55B51)
YUV	135.9060, -27.0687, 95.6754
Hunter-Lab	52.4297, 54.2440, 24.4534

# Details

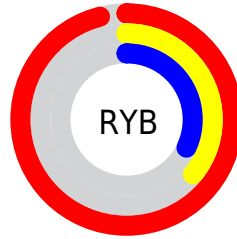
The Hex color **F55B51** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **51EBF5**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF9383**, and **B61D23** is the 20% darker color. If you saturate the color by 10%, you get **F54439**, and if you desaturate by 10%, it is **F5726A**.

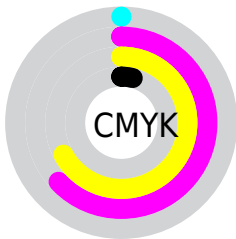
# Distribution



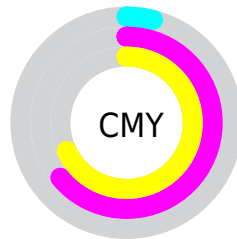
- Red (96%)
- Green (36%)
- Blue (32%)



- Red (96%)
- Yellow (36%)
- Blue (32%)



- Cyan (0%)
- Magenta (63%)
- Yellow (67%)
- Black (4%)



- Cyan (4%)
- Magenta (64%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F55B51 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 F55B51 by changing the saturation by 10% instead.



 F55B51

 F55B51

FFFFFF

 D53E3A

 FF9383

 B61D23

 FFB09D

 97000E

 FFCCB8

 780000

 FFEAD4

 590000

 FFFFF0

 3E0003

 1A0001

 000000

 F55B51

 F55B51

 F54439

 F5726A

 F52D20

 F58982

 F51608

 F5A09B

 F50F00

 F5B7B3

 F5CECB

 F5E5E4

 F5FCFC

 F5FFFF

# Harmonies

## Analogous

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



F94E8C



F55B51



D77618

# Triad

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



F55B51



00A754



0095FF

# Complementary

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



F55B51



51EBF5

# 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.



00A4FB



F55B51



00AB93

# Square

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



F55B51



689E14



00AACF



947CF7

# Rectangle

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



F55B51



B88700



00AACF



009BFF



# Sweetspot

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



F55B51



FFCFCC



F551ED



806361



000000



808080



# Same Dimension

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



F55B51



FF3F33



F5AB51



7A6F6E



BA0B00



3B0400



# Inverse Universe

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



51EBF5



33F3FF



519BF5



6E7A7A



00AFBA



00373B



# Previews

## White Background



This preview shows how the Hex color F55B51 looks on a white background.

## Color Contrast Check

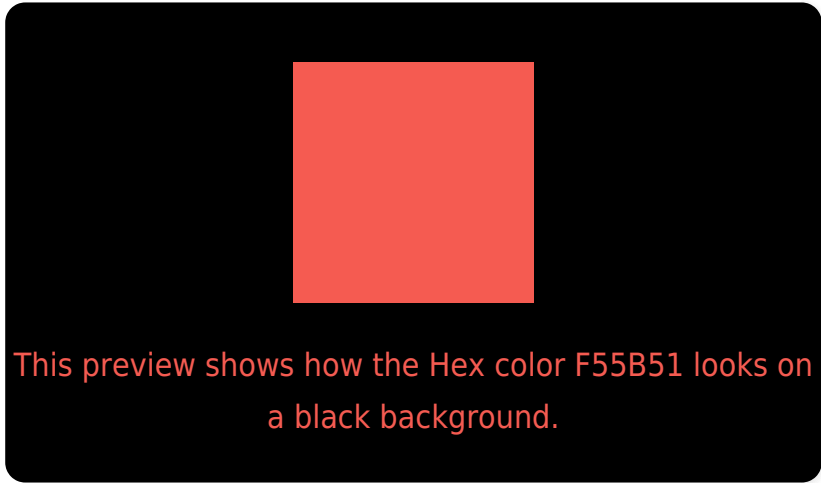
Large Text (above 18pt) WCAG AA ✓ Pass

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 F55B51 Background



This preview shows how black text looks on a background with the Hex color F55B51.



This preview shows how white text looks on a background with the Hex color F55B51.

# 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**  
F6595E

# Trichromacy



**Original Color**  
F55B51

**Protanomaly**  
BC7C5E

**Deuteranomaly**  
C9784C

**Tritanomaly**  
F65A59

# Monochromacy



**Original Color**  
F55B51

**Achromatopsia**  
888888

**Achromatomaly**  
B07874

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F55B51 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 #F55B51 looks like.

```
.text, #text, p{  
    color:#F55B51  
}
```

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 #F55B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F55B51
}
```

## Border

The CSS property to change the border of an element to Hex F55B51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

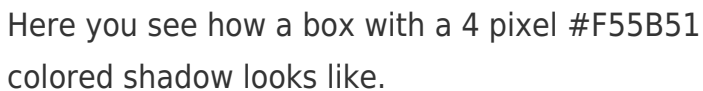
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F55B51 }
```

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

```
.border{ border-color:#F55B51 }
```

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



Here you see how a box with a 4 pixel #F55B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F55B51; -webkit-box-shadow:4px 4px  
4px 4px #F55B51; box-shadow:4px 4px 4px  
4px #F55B51 }
```

# Background

The CSS property to change the background color of an element to Hex F55B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F55B51 }
```

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

```
.background{ background-color:#F55B51 }
```

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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