

# Converting Colors

Hex(F58763)

Have a look what the booklet for  
Hex(F58763) contains.

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**Color**

**Hex(F58763)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F58763
RGB	245, 135, 99
RGB Percent	96%, 53%, 39%
CMY	0.0392, 0.4706, 0.6118
CMYK	0.00, 0.45, 0.60, 0.04
HSL	15°, 88%, 67%
HSV	15°, 60%, 96%
XYZ	48.5723, 37.6413, 16.5098
YIQ	163.7860, 77.1160, 12.1240

# Conversions

## Conversions Part 2

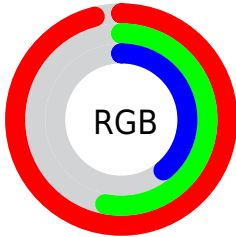
Format	Color
R <sub>Y</sub> B	245, 147, 99
Decimal	16090979
CIE Lab	67.76, 38.73, 37.76
CIE LCh	68, 54.091, 44.268
Yxy	37.6413, 0.4728, 0.3664
Android (android.graphics.Color)	4294281059 (0xFFFF58763)
YUV	163.7860, -31.9395, 71.2247
Hunter-Lab	61.3525, 33.9502, 26.9919

# Details

The Hex color **F58763** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **63D1F5**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFBE96**, and **B85333** is the 20% darker color. If you saturate the color by 10%, you get **F5754B**, and if you desaturate by 10%, it is **F5997C**.

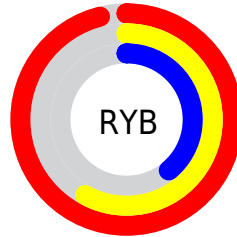
# Distribution



Red (96%)

Green (53%)

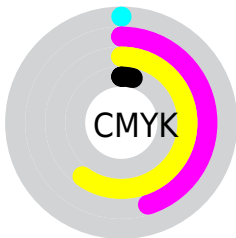
Blue (39%)



Red (96%)

Yellow (58%)

Blue (39%)

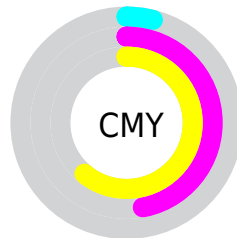


Cyan (0%)

Magenta (45%)

Yellow (60%)

Black (4%)



Cyan (4%)

Magenta (47%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F58763 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 F58763 by changing the saturation by 10% instead.



 F58763

 F58763

FFFFFF

 D66D4B

 FFBE96

 B85333

 FFDAB1

 9A3A1C

 FFF7CD

 7D2005

 FFFFE9

 600100

 430000

 2A0001

 000000

 F58763

 F58763

 F5754B

 F5997C

 F56232

 F5AC94

 F5501A

 F5BEAD

 F53D01

 F5D1C5

 F53C00

 F5E3DE

 F5F6F6

 F5FFFF

# Harmonies

## Analogous

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



FF7B90



F58763



D69945

# Triad

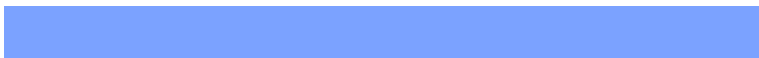
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F58763



00BC89



7BA2FF

# Complementary

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



F58763



63D1F5

# 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.



00B2FF



F58763



00BDBC

# Square

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



F58763



74B55C



00BAE8



C68FEB

# Rectangle

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



F58763



BAA53F



00BAE8



55A8FF

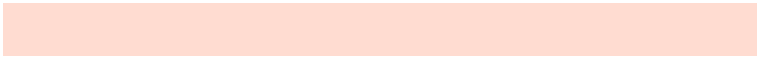


# Sweetspot

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



F58763



FFDCD1



F563D3



806A63



000000



808080



# Same Dimension

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



F58763



FF7547



F5CE63



7A716E



BA2E00



3B0E00



# Inverse Universe

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



63D1F5



47D2FF



638AF5



6E777A



008CBA



002C3B



# Previews

## White Background



This preview shows how the Hex color F58763 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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

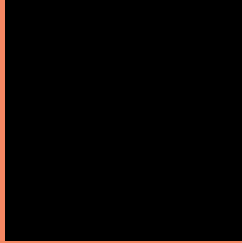
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F58763 Background



This preview shows how black text looks on a background with the Hex color F58763.



This preview shows how white text looks on a background with the Hex color F58763.

# 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**  
F58763

**Protanopia**  
B3A56F

**Deuteranopia**  
CA9E5E



**Tritanopia**  
F8828B

# Trichromacy



**Original Color**  
F58763

**Protanomaly**  
CB9A6B

**Deuteranomaly**  
DA9660

**Tritanomaly**  
F7847C

# Monochromacy



**Original Color**  
F58763

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
C1998C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F58763 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 #F58763 looks like.

```
.text, #text, p{  
    color:#F58763  
}
```

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 #F58763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F58763
}
```

## Border

The CSS property to change the border of an element to Hex F58763 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
#F58763 }
```

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

```
.border{ border-color:#F58763 }
```

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

Here you see how a box with a 4 pixel #F58763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F58763; -webkit-box-shadow:4px 4px  
4px 4px #F58763; box-shadow:4px 4px 4px  
4px #F58763 }
```

# Background

The CSS property to change the background color of an element to Hex F58763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F58763 }
```

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

```
.background{ background-color:#F58763 }
```

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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