

# Converting Colors

Hex(F5684A)

Have a look what the booklet for  
Hex(F5684A) contains.

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**Color**

**Hex(F5684A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5684A
RGB	245, 104, 74
RGB Percent	96%, 41%, 29%
CMY	0.0392, 0.5922, 0.7098
CMYK	0.00, 0.58, 0.70, 0.04
HSL	11°, 90%, 63%
HSV	11°, 70%, 96%
XYZ	43.8425, 29.8075, 9.9212
YIQ	142.7390, 93.6660, 20.5620

# Conversions

## Conversions Part 2

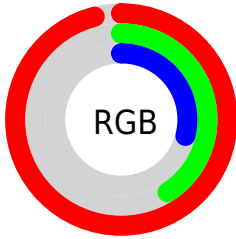
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">245, 110, 74</a>
Decimal	<a href="#">16083018</a>
CIELab	<a href="#">61.49, 52.33, 43.60</a>
CIElCh	<a href="#">61, 68.113, 39.802</a>
Yxy	<a href="#">29.8075, 0.5246, 0.3567</a>
Android (android.graphics.Color)	<a href="#">4294273098 (0xFFFF5684A)</a>
YUV	<a href="#">142.7390, -33.8883, 89.6829</a>
Hunter-Lab	<a href="#">54.5963, 47.7977, 27.4432</a>

# Details

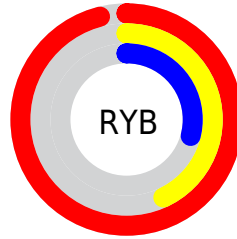
The Hex color **F5684A** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **4AD7F5**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF9F7C**, and **B6301B** is the 20% darker color. If you saturate the color by 10%, you get **F55431**, and if you desaturate by 10%, it is **F57C62**.

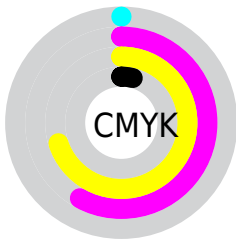
# Distribution



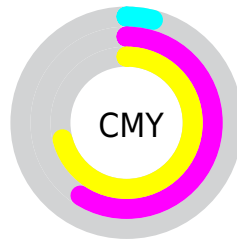
- Red (96%)
- Green (41%)
- Blue (29%)



- Red (96%)
- Yellow (43%)
- Blue (29%)



- Cyan (0%)
- Magenta (58%)
- Yellow (70%)
- Black (4%)



- Cyan (4%)
- Magenta (59%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5684A 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 F5684A by changing the saturation by 10% instead.



 F5684A

 F5684A

FFFFFF

 D54D32

 FF9F7C

 B6301B

 FFBB96

 970D04

 FFD8B1

 780000

 FFF5CD

 5A0000

 FFFF E9

 3E0002

 1D0001

 000000

 F5684A

 F5684A

 F55431

 F57C62

 F54019

 F5907B

 F52B00

 F5A593

 F5B9AC

 F5CDC4

 F5E1DD

 F5F5F6

 F5FFFF

# Harmonies

## Analogous

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



FF5683



F5684A



D28214

# Triad

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



F5684A



00AE68



1A95FF

# Complementary

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



F5684A



4AD7F5

# 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.



00A6FF



F5684A



00B0A7

# Square

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



F5684A



5DA62E



00AEE0



B07BF2

# Rectangle

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



F5684A



B29200



00AEE0



009CFF



# Sweetspot

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



F5684A



FFD3C9



F54AD8



806560



000000



808080



# Same Dimension

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



F5684A



FF4E29



F5BC4A



7A706E



BA2100



3B0A00



# Inverse Universe

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



4AD7F5



29D9FF



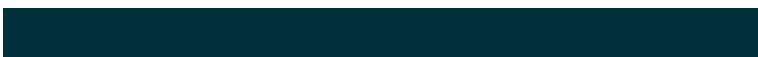
4A83F5



6E787A



0099BA



00303B



# Previews

## White Background



This preview shows how the Hex color F5684A looks on a white background.

## Color Contrast Check

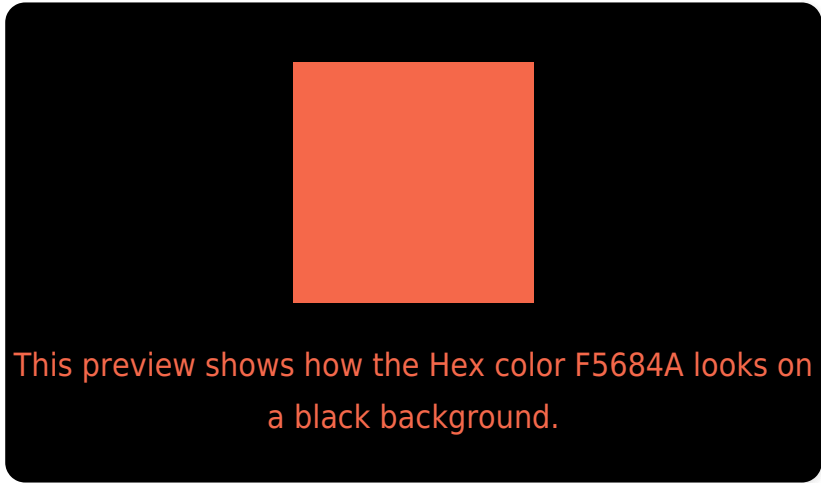
Large Text (above 18pt) WCAG AA ✓ Pass

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 F5684A Background



This preview shows how black text looks on a background with the Hex color F5684A.



This preview shows how white text looks on a background with the Hex color F5684A.

# 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**  
F5684A

**Protanopia**  
A39559

**Deuteranopia**  
B88E42



**Tritanopia**  
F7646A

# Trichromacy



**Original Color**  
F5684A

**Protanomaly**  
C18554

**Deuteranomaly**  
CE8045

**Tritanomaly**  
F6655E

# Monochromacy



**Original Color**  
F5684A

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
B48176

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5684A 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 #F5684A looks like.

```
.text, #text, p{  
    color:#F5684A  
}
```

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 #F5684A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5684A
}
```

## Border

The CSS property to change the border of an element to Hex F5684A 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
#F5684A }
```

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

```
.border{ border-color:#F5684A }
```

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

Here you see how a box with a 4 pixel #F5684A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5684A; -webkit-box-shadow:4px 4px  
4px 4px #F5684A; box-shadow:4px 4px 4px  
4px #F5684A }
```

# Background

The CSS property to change the background color of an element to Hex F5684A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5684A }
```

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

```
.background{ background-color:#F5684A }
```

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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