

# Converting Colors

Hex(F6583C)

Have a look what the booklet for  
Hex(F6583C) contains.

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# Color

Hex(F6583C)

# Conversions

## Conversions Part 1

Format	Color
Hex	F6583C
RGB	246, 88, 60
RGB Percent	96%, 35%, 24%
CMY	0.0353, 0.6549, 0.7647
CMYK	0.00, 0.64, 0.76, 0.04
HSL	9°, 91%, 60%
HSV	9°, 76%, 96%
XYZ	42.3114, 26.8985, 7.2368
YIQ	132.0500, 103.1560, 24.7880

# Conversions

## Conversions Part 2

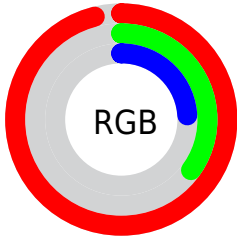
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 93, 60
Decimal	16144444
CIE <sub>Lab</sub>	58.88, 59.02, 48.09
CIE <sub>LCh</sub>	59, 76.129, 39.175
Yxy	26.8985, 0.5535, 0.3519
Android (android.graphics.Color)	4294334524 (0xFFFF6583C)
YUV	132.0500, -35.5207, 99.9341
Hunter-Lab	51.8638, 54.8618, 28.0316

# Details

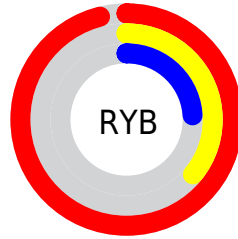
The Hex color **F6583C** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **3CDAF6**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF906D**, and **B6180C** is the 20% darker color. If you saturate the color by 10%, you get **F64323**, and if you desaturate by 10%, it is **F66D55**.

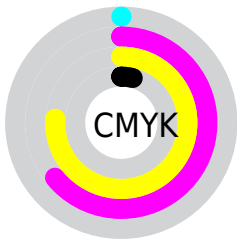
# Distribution



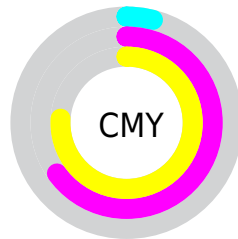
- Red (96%)
- Green (35%)
- Blue (24%)



- Red (96%)
- Yellow (36%)
- Blue (24%)



- Cyan (0%)
- Magenta (64%)
- Yellow (76%)
- Black (4%)



- Cyan (4%)
- Magenta (65%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6583C 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 F6583C by changing the saturation by 10% instead.



 F6583C

 F6583C

FFFFFF

 D63B25

 FF906D

 B6180C

 FFAD87

 960000

 FFC9A2

 770000

 FFE7BD

 580000

 FFFFD9

 3D0003

 FFFFF6

 170000

 000000

 F6583C

 F6583C

 F64323

 F66D55

 F62E0B

 F6826D

 F62500

 F69786

 F6AC9E

 F6C0B7

 F6D5D0

 F6EAE8

 F6FFFF

# Harmonies

## Analogous

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



FF3F7C



F6583C



D07900

# Triad

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



F6583C



00A85B



008FFF

# Complementary

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



F6583C



3CDAF6

# 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.



00A2FF



F6583C



00ABA1

# Square

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



F6583C



4DA00B



00AAE1



A871F6

# Rectangle

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



F6583C



AC8A00



00AAE1



0097FF



# Sweetspot

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



F6583C



FFCDC4



F63CDA



80615C



000000



808080



# Same Dimension

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



F6583C



FF3A17



F6B53C



7A706E



BA1C00



3B0900

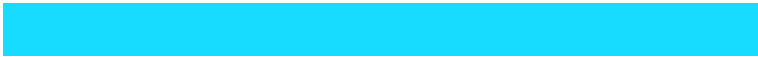


# Inverse Universe

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



3CDAF6



17DCFF



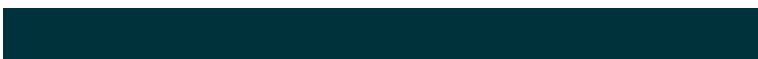
3C7DF6



6E797A



009EBA



00323B



# Previews

## White Background



This preview shows how the Hex color F6583C looks on a white background.

## Color Contrast Check

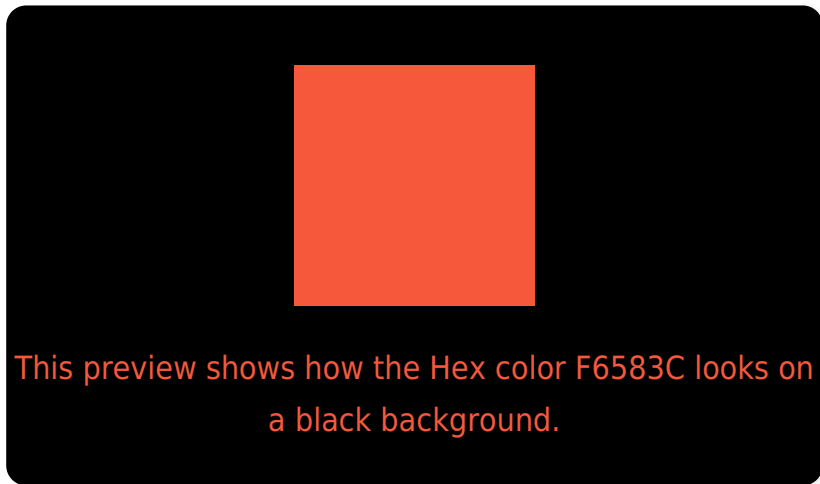
Large Text (above 18pt) WCAG AA ✓ Pass

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 F6583C Background



This preview shows how black text looks on a background with the Hex color F6583C.

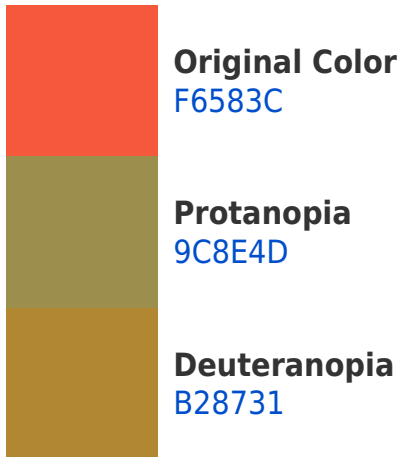


This preview shows how white text looks on a background with the Hex color F6583C.

# 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**  
F75459

# Trichromacy



**Original Color**  
F6583C

**Protanomaly**  
BD7A47

**Deuteranomaly**  
CB7635

**Tritanomaly**  
F7554E

# Monochromacy



**Original Color**  
F6583C

**Achromatopsia**  
848484

**Achromatomaly**  
AD746A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6583C 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 #F6583C looks like.

```
.text, #text, p{  
    color:#F6583C  
}
```

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 #F6583C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6583C
}
```

## Border

The CSS property to change the border of an element to Hex F6583C is called "border". The border property can be set on classes, ids or directly on the HTML element.

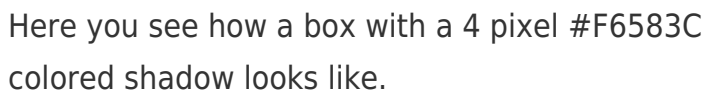
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F6583C }
```

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

```
.border{ border-color:#F6583C }
```

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



Here you see how a box with a 4 pixel #F6583C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6583C; -webkit-box-shadow:4px 4px  
4px 4px #F6583C; box-shadow:4px 4px 4px  
4px #F6583C }
```

# Background

The CSS property to change the background color of an element to Hex F6583C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6583C }
```

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

```
.background{ background-color:#F6583C }
```

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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