

# Converting Colors

Hex(F4535C)

Have a look what the booklet for  
Hex(F4535C) contains.

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**Color**

**Hex(F4535C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4535C
RGB	244, 83, 92
RGB Percent	96%, 33%, 36%
CMY	0.0431, 0.6745, 0.6392
CMYK	0.00, 0.66, 0.62, 0.04
HSL	357°, 88%, 64%
HSV	357°, 66%, 96%
XYZ	42.3333, 26.1923, 12.9496
YIQ	132.1650, 93.0670, 36.9310

# Conversions

## Conversions Part 2

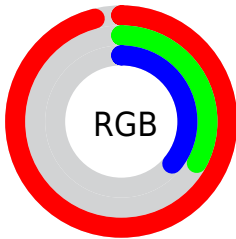
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 83, 92
Decimal	16012124
CIE <sub>Lab</sub>	58.22, 61.93, 29.61
CIE <sub>LCh</sub>	58, 68.646, 25.552
Yxy	26.1923, 0.5196, 0.3215
Android (android.graphics.Color)	4294202204 (0xFFFF4535C)
YUV	132.1650, -19.8013, 98.0793
Hunter-Lab	51.1784, 58.0876, 20.8228

# Details

The Hex color **F4535C** 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 **53F4EB**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF8C8E**, and **B5092E** is the 20% darker color. If you saturate the color by 10%, you get **F43B45**, and if you desaturate by 10%, it is **F46B73**.

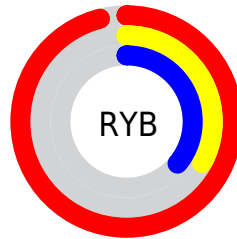
# Distribution



Red (96%)

Green (33%)

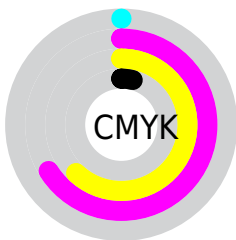
Blue (36%)



Red (96%)

Yellow (33%)

Blue (36%)

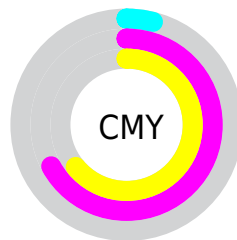


Cyan (0%)

Magenta (66%)

Yellow (62%)

Black (4%)



Cyan (4%)

Magenta (67%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F4535C 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 F4535C by changing the saturation by 10% instead.



 F4535C

 F4535C

FFFFFF

 D43444

 FF8C8E

 B5092E

 FFA9A9

 96001A

 FFC6C4

 780000

 FFE3E0

 590000

FFFFFFC

 3D0003

 170000

 000000

 F4535C

 F4535C

 F43B45

 F46B73

 F4222E

 F4848A

 F40A17

 F49CA1

 F4000E

 F4B5B8

 F4CDCF

 F4E5E6

 F4FEFD

 F4FFFF

# Harmonies

## Analogous

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



F14C98



F4535C



DB6D25

# Triad

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



F4535C



00A243



0096FF

# Complementary

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



F4535C



53F4EB

# 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.



00A2EF



F4535C



00A781

# Square

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



F4535C



769800



00A7BE



7780F9

# Rectangle

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



F4535C



C07F00



00A7BE



009BFF



# Sweetspot

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



F4535C



FFCCCF



E953F4



806163



000000



808080



# Same Dimension

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



F4535C



FF3641



F49953



7A6E6F



BA000A



3B0003



# Inverse Universe

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



F4535C



FF3641



53AEF4



7A6E6F



BA000A



3B0003



# Previews

## White Background



This preview shows how the Hex color F4535C looks on a white background.

## Color Contrast Check

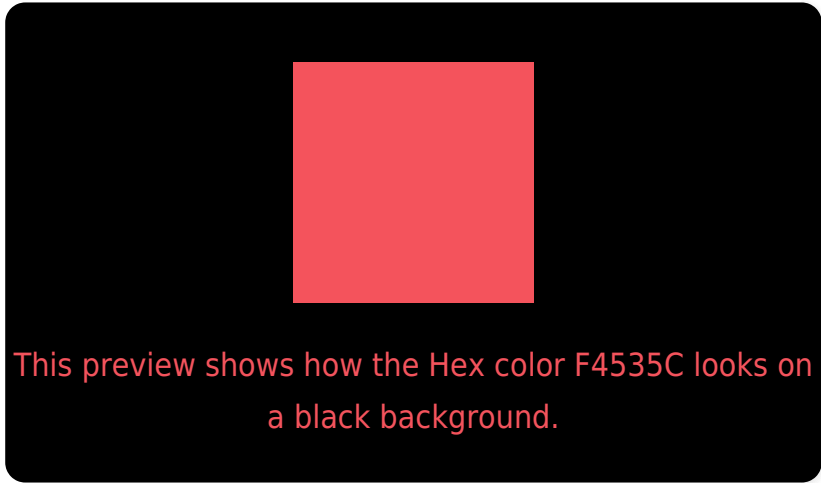
Large Text (above 18pt) WCAG AA ✓ Pass

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 F4535C Background



This preview shows how black text looks on a background with the Hex color F4535C.

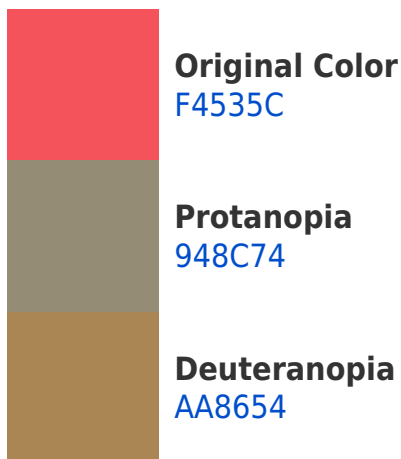



This preview shows how white text looks on a background with the Hex color F4535C.

# 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**  
F45458

# Trichromacy



**Original Color**  
F4535C

**Protanomaly**  
B7776B

**Deuteranomaly**  
C57357

**Tritanomaly**  
F45459

# Monochromacy



**Original Color**  
F4535C

**Achromatopsia**  
848484

**Achromatomaly**  
AD7275

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F4535C 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 #F4535C looks like.

```
.text, #text, p{  
  color:#F4535C  
}
```

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 #F4535C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4535C
}
```

## Border

The CSS property to change the border of an element to Hex F4535C is called "border". The border property can be set on classes, ids or directly on the HTML element.

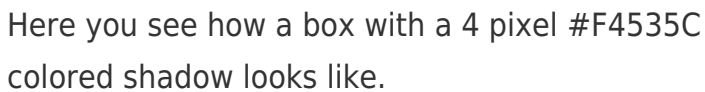
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F4535C }
```

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

```
.border{ border-color:#F4535C }
```

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



Here you see how a box with a 4 pixel #F4535C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4535C; -webkit-box-shadow:4px 4px  
4px 4px #F4535C; box-shadow:4px 4px 4px  
4px #F4535C }
```

# Background

The CSS property to change the background color of an element to Hex F4535C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4535C }
```

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

```
.background{ background-color:#F4535C }
```

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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