

# Converting Colors

Hex(F7646B)

Have a look what the booklet for  
Hex(F7646B) contains.

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# **Color**

**Hex(F7646B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7646B
RGB	247, 100, 107
RGB Percent	97%, 39%, 42%
CMY	0.0314, 0.6078, 0.5804
CMYK	0.00, 0.60, 0.57, 0.03
HSL	357°, 90%, 68%
HSV	357°, 60%, 97%
XYZ	45.5688, 29.9500, 17.2891
YIQ	144.7510, 85.3650, 33.3410

# Conversions

## Conversions Part 2

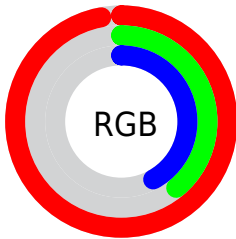
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 100, 107
Decimal	16213099
CIE Lab	61.61, 56.80, 25.51
CIE LCh	62, 62.268, 24.186
Yxy	29.9500, 0.4910, 0.3227
Android (android.graphics.Color)	4294403179 (0xFFFF7646B)
YUV	144.7510, -18.6112, 89.6724
Hunter-Lab	54.7266, 52.8586, 19.5779

# Details

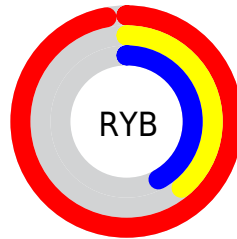
The Hex color **F7646B** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **64F7F0**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF9C9E**, and **B92A3C** is the 20% darker color. If you saturate the color by 10%, you get **F74B53**, and if you desaturate by 10%, it is **F77D83**.

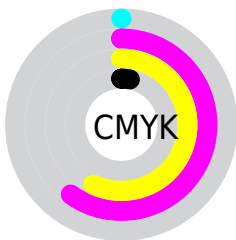
# Distribution



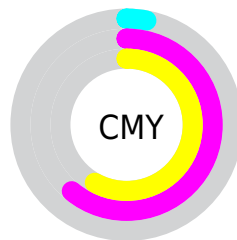
- Red (97%)
- Green (39%)
- Blue (42%)



- Red (97%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (60%)
- Yellow (57%)
- Black (3%)



- Cyan (3%)
- Magenta (61%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7646B 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 F7646B by changing the saturation by 10% instead.



 F7646B

 F7646B

FFFFFF

 D84853

 FF9C9E

 B92A3C

 FFB8B9

 9A0026

 FFD5D5

 7C0012

 FFF3F1

 5F0000

 420002

 220001

 000000

 F7646B

 F7646B

 F74B53

 F77D83

 F7333C

 F7959A

 F71A24

 F7AEB2

 F7010D

 F7C7C9

 F7000C

 F7E0E1

 F7F8F8

 F7FFFF

# Harmonies

## Analogous

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



F260A2



F7646B



E2783B

# Triad

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



F7646B



39A951



009EFF

# Complementary

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



F7646B



64F7F0

# 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.



00AAED



F7646B



00AE88

# Square

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



F7646B



859F23



00AFC0



818BFA

# Rectangle

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



F7646B



C98721



00AFC0



00A3FF



# Sweetspot

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



F7646B



FFD1D3



F064F7



806365



000000



808080



# Same Dimension

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



F7646B



FF4A53



F7A664



7A6E6F



BA0009



3B0003



# Inverse Universe

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



F7646B



FF4A53



64B5F7



7A6E6F



BA0009



3B0003



# Previews

## White Background



This preview shows how the Hex color F7646B looks on a white background.

## Color Contrast Check

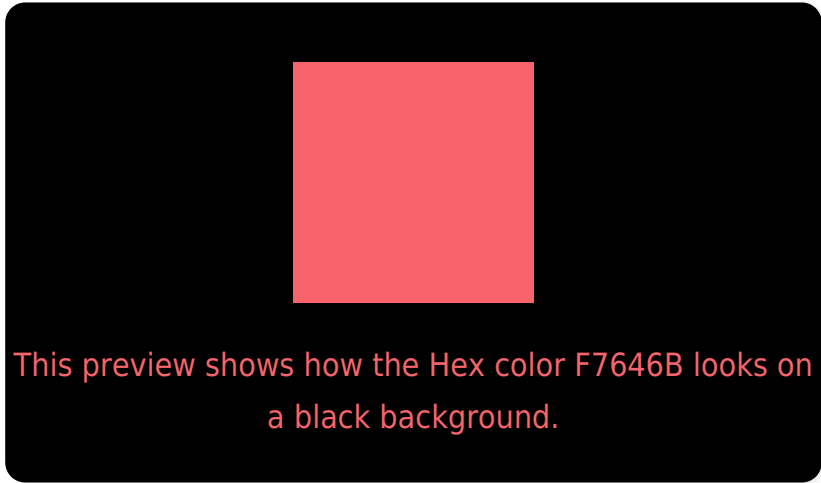
Large Text (above 18pt) WCAG AA ✓ Pass

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 F7646B Background



This preview shows how black text looks on a background with the Hex color F7646B.



This preview shows how white text looks on a background with the Hex color F7646B.

# 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](#).

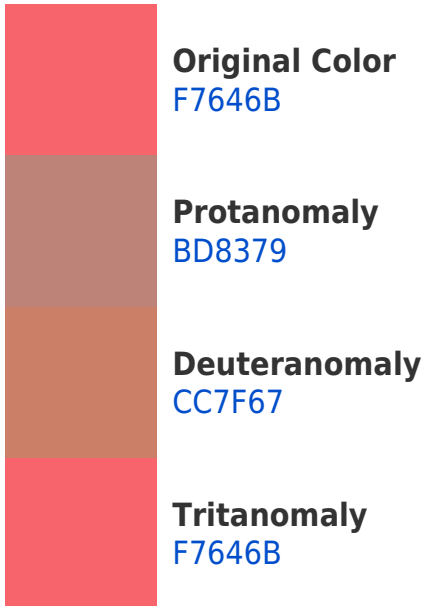
## Dichromacy





**Tritanopia**  
F7646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7646B 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 #F7646B looks like.

```
.text, #text, p{  
    color:#F7646B  
}
```

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 #F7646B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7646B
}
```

## Border

The CSS property to change the border of an element to Hex F7646B 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
#F7646B }
```

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

```
.border{ border-color:#F7646B }
```

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

Here you see how a box with a 4 pixel #F7646B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7646B; -webkit-box-shadow:4px 4px  
4px 4px #F7646B; box-shadow:4px 4px 4px  
4px #F7646B }
```

# Background

The CSS property to change the background color of an element to Hex F7646B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7646B }
```

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

```
.background{ background-color:#F7646B }
```

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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