

# Converting Colors

Hex(F4726B)

Have a look what the booklet for  
Hex(F4726B) contains.

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# **Color**

**Hex(F4726B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4726B
RGB	244, 114, 107
RGB Percent	96%, 45%, 42%
CMY	0.0431, 0.5529, 0.5804
CMYK	0.00, 0.53, 0.56, 0.04
HSL	3°, 86%, 69%
HSV	3°, 56%, 96%
XYZ	45.9794, 32.3293, 17.7267
YIQ	152.0720, 79.7270, 25.3830

# Conversions

## Conversions Part 2

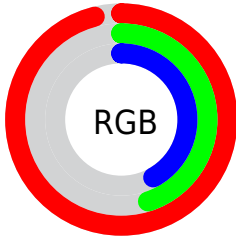
Format	Color
R <sub>Y</sub> B	244, 114, 107
Decimal	16020075
CIE Lab	63.61, 49.34, 28.06
CIE LCh	64, 56.760, 29.625
Yxy	32.3293, 0.4788, 0.3366
Android (android.graphics.Color)	4294210155 (0xFFFF4726B)
YUV	152.0720, -22.2205, 80.6209
Hunter-Lab	56.8588, 44.8426, 21.3165

# Details

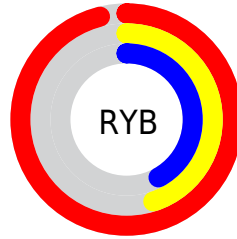
The Hex color **F4726B** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **6BEDF4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA99E**, and **B73C3C** is the 20% darker color. If you saturate the color by 10%, you get **F45B53**, and if you desaturate by 10%, it is **F48983**.

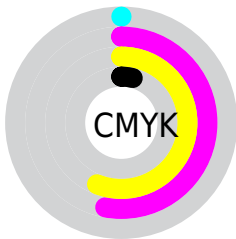
# Distribution



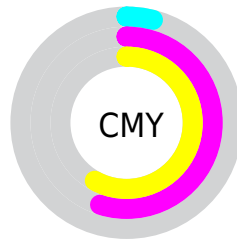
- Red (96%)
- Green (45%)
- Blue (42%)



- Red (96%)
- Yellow (45%)
- Blue (42%)



- Cyan (0%)
- Magenta (53%)
- Yellow (56%)
- Black (4%)



- Cyan (4%)
- Magenta (55%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F4726B 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 F4726B by changing the saturation by 10% instead.



 F4726B

 F4726B

FFFFFF

 D55753

 FFA99E

 B73C3C

 FFC5B9

 981F26

 FFE2D5

 7B0011

 FFFFF2

 5E0000

 410001

 240001

 000000

 F4726B

 F4726B

 F45B53

 F48983

 F4443A

 F4A09C

 F42D22

 F4B7B4

 F41509

 F4CFCD

 F40C00

 F4E6E5

 F4DFDF

 F4FFFF

# Harmonies

## Analogous

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



F46C9D



F4726B



DD8442

# Triad

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



F4726B



3BAF65



00A0FF

# Complementary

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



F4726B



6BEDF4

# 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.



00ACF1



F4726B



00B298

# Square

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



F4726B



83A63C



00B2CB



9A8DF2

# Rectangle

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



F4726B



C49131



00B2CB



00A5FD



# Sweetspot

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



F4726B



FFD6D4



F46BED



806766



000000



808080



# Same Dimension

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



F4726B



FF5D54



F4B66B



7A6F6E



BA0A00



3B0300



# Inverse Universe

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



6BEDF4



54F6FF



6BA9F4



6E7A7A



00B1BA



00383B



# Previews

## White Background



This preview shows how the Hex color F4726B 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

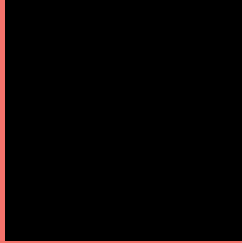
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F4726B Background



This preview shows how black text looks on a background with the Hex color F4726B.

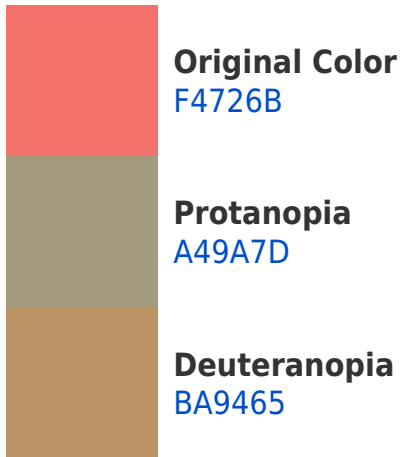


This preview shows how white text looks on a background with the Hex color F4726B.

# 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**  
F57078

# Trichromacy



**Original Color**  
F4726B

**Protanomaly**  
C18B76

**Deuteranomaly**  
CF8867

**Tritanomaly**  
F57173

# Monochromacy



**Original Color**  
F4726B

**Achromatopsia**  
989898

**Achromatomaly**  
B98A88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F4726B 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 #F4726B looks like.

```
.text, #text, p{  
    color:#F4726B  
}
```

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 #F4726B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4726B
}
```

## Border

The CSS property to change the border of an element to Hex F4726B is called "border". The border property can be set on classes, ids or directly on the HTML element.

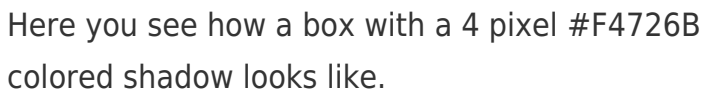
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F4726B }
```

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

```
.border{ border-color:#F4726B }
```

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



Here you see how a box with a 4 pixel #F4726B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4726B; -webkit-box-shadow:4px 4px  
4px 4px #F4726B; box-shadow:4px 4px 4px  
4px #F4726B }
```

# Background

The CSS property to change the background color of an element to Hex F4726B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4726B }
```

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

```
.background{ background-color:#F4726B }
```

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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