

# Converting Colors

Hex(F7786D)

Have a look what the booklet for  
Hex(F7786D) contains.

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**Color**

**Hex(F7786D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7786D
RGB	247, 120, 109
RGB Percent	97%, 47%, 43%
CMY	0.0314, 0.5294, 0.5725
CMYK	0.00, 0.51, 0.56, 0.03
HSL	5°, 90%, 70%
HSV	5°, 56%, 97%
XYZ	47.8346, 34.3112, 18.5696
YIQ	156.7190, 79.2230, 23.5030

# Conversions

## Conversions Part 2

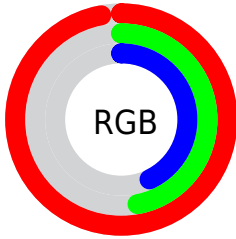
Format	Color
R <sub>Y</sub> B	247, 121, 109
Decimal	16218221
CIE Lab	65.21, 47.68, 29.10
CIE LCh	65, 55.857, 31.402
Yxy	34.3112, 0.4749, 0.3407
Android (android.graphics.Color)	4294408301 (0xFFFF7786D)
YUV	156.7190, -23.5255, 79.1764
Hunter-Lab	58.5758, 43.2603, 22.2071

# Details

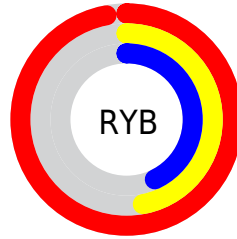
The Hex color **F7786D** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **6DECF7**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFAFA1**, and **BA433D** is the 20% darker color. If you saturate the color by 10%, you get **F76154**, and if you desaturate by 10%, it is **F78F86**.

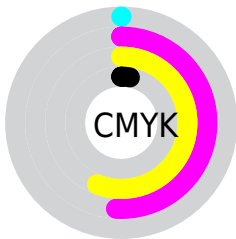
# Distribution



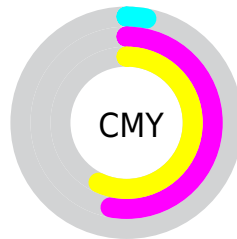
- Red (97%)
- Green (47%)
- Blue (43%)



- Red (97%)
- Yellow (47%)
- Blue (43%)



- Cyan (0%)
- Magenta (51%)
- Yellow (56%)
- Black (3%)



- Cyan (3%)
- Magenta (53%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7786D 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 F7786D by changing the saturation by 10% instead.



 F7786D

 F7786D

FFFFFF

 D85D55

 FFAFA1

 BA433D

 FFCBBC

 9C2727

 FFE8D7

 7E0113

 FFFFF4

 610000

 440000

 280001

 000000

 F7786D

 F7786D

 F76154

 F78F86

 F74B3C

 F7A59E

 F73423

 F7BCB7

 F71D0A

 F7D3D0

 F71400

 F7EAE9

 F7FFFF

# Harmonies

## Analogous

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



F8719E



F7786D



DF8A46

# Triad

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



F7786D



3CB36C



32A3FF

# Complementary

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



F7786D



6DECF7

# 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.



00B0F5



F7786D



00B79F

# Square

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



F7786D



85AA44



00B6D1



A390F4

# Rectangle

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



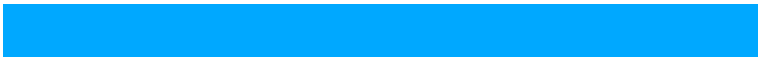
F7786D



C69736



00B6D1



00A8FF



# Sweetspot

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



F7786D



FFD7D4



F76DEE



806866



000000



808080



# Same Dimension

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



F7786D



FF6254



F7BB6D



7A6F6E



BA0F00



3B0500



# Inverse Universe

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



6DECF7



54F1FF



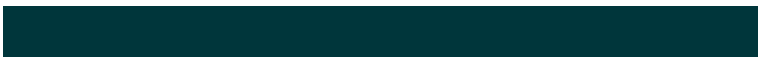
6DA9F7



6E797A



00ABBA



00363B



# Previews

## White Background



This preview shows how the Hex color F7786D looks on a white background.

## Color Contrast Check

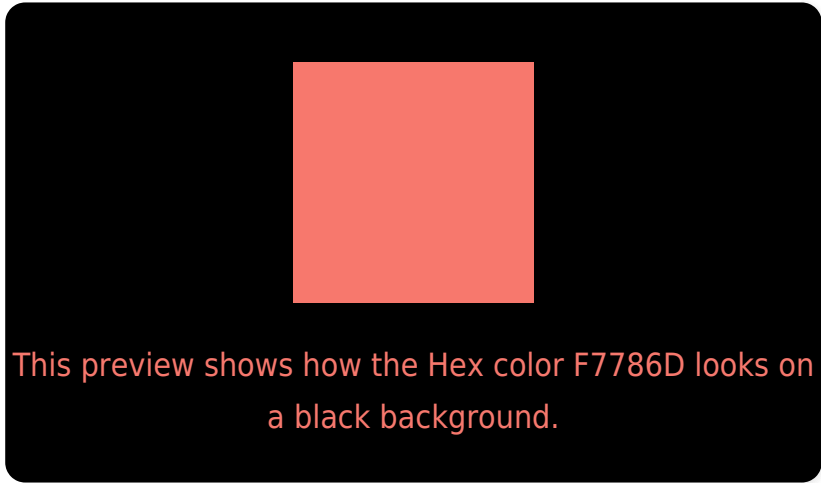
Large Text (above 18pt) WCAG AA × Fail

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 F7786D Background



This preview shows how black text looks on a background with the Hex color F7786D.



This preview shows how white text looks on a background with the Hex color F7786D.

# 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**  
F8767E

# Trichromacy



**Original Color**  
F7786D



**Protanomaly**  
C59078



**Deuteranomaly**  
D38C69

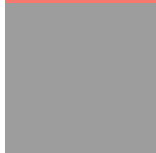


**Tritanomaly**  
F87778

# Monochromacy



**Original Color**  
F7786D



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
BE908C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7786D 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 #F7786D looks like.

```
.text, #text, p{  
    color:#F7786D  
}
```

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 #F7786D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7786D
}
```

## Border

The CSS property to change the border of an element to Hex F7786D 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
#F7786D }
```

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

```
.border{ border-color:#F7786D }
```

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

Here you see how a box with a 4 pixel #F7786D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7786D; -webkit-box-shadow:4px 4px  
4px 4px #F7786D; box-shadow:4px 4px 4px  
4px #F7786D }
```

# Background

The CSS property to change the background color of an element to Hex F7786D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7786D }
```

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

```
.background{ background-color:#F7786D }
```

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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