

# Converting Colors

Hex(4F7768)

Have a look what the booklet for  
Hex(4F7768) contains.

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# Color

**Hex(4F7768)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F7768
RGB	79, 119, 104
RGB Percent	31%, 47%, 41%
CMY	0.6902, 0.5333, 0.5922
CMYK	0.34, 0.00, 0.13, 0.53
HSL	158°, 20%, 39%
HSV	158°, 34%, 47%
XYZ	12.3200, 15.8554, 15.5078
YIQ	105.3300, -19.0250, -13.1450

# Conversions

## Conversions Part 2

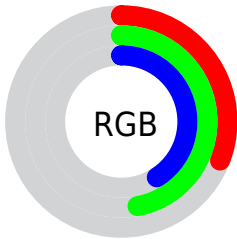
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 104, 119
Decimal	5207912
CIELab	46.78, -17.58, 3.80
CIELCh	47, 17.985, 167.795
Yxy	15.8554, 0.2820, 0.3630
Android (android.graphics.Color)	4283397992 (0xFF4F7768)
YUV	105.3300, -0.6557, -23.0914
Hunter-Lab	39.8188, -14.4550, 4.7822

# Details

The Hex color **4F7768** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **774F5E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **82AB9B**, and **1F4639** is the 20% darker color. If you saturate the color by 10%, you get **437764**, and if you desaturate by 10%, it is **5B776C**.

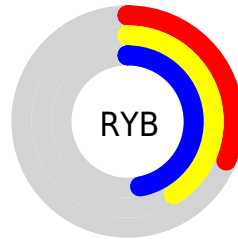
# Distribution



Red (31%)

Green (47%)

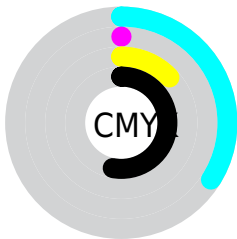
Blue (41%)



Red (31%)

Yellow (41%)

Blue (47%)

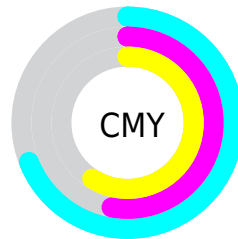


Cyan (34%)

Magenta (0%)

Yellow (13%)

Black (53%)



Cyan (69%)

Magenta (53%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F7768 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 4F7768 by changing the saturation by 10% instead.





4F7768



4F7768

FFFFFF



375E50



82AB9B



1F4639



9CC7B6



073024



B7E3D1



001C0E



D3FFEE



000000



F0FFFF



4F7768



4F7768



437764



5B776C



37775F



677771

■ 2B775B

■ 737775

■ 1F7756

■ 7F777A

■ 147752

■ 8B777E

■ 08774D

■ 967783

■ 00774A

■ A27787

■ AE778C

■ BA7790

# Harmonies

## Analogous

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



5F755A



4F7768



447778

# Triad

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



4F7768



696D8B



8A6759

# Complementary

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



4F7768



774F5E

# 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.



8E6466



4F7768



7C6883

# Square

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



4F7768



54728C



896576



806C52

# Rectangle

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



4F7768



437681



896576



8C665D



# Sweetspot

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



4F7768



8C9C96



5E774F



464F4B



CFCFCF



4F4F4F



# Same Dimension

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



4F7768



5D9C84



4F7277



353B38



007A4D



00FA9C



# Inverse Universe

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



774F5E



9C5D75



77544F



3B3537



7A002E



FA005E



# Previews

## White Background



This preview shows how the Hex color 4F7768 looks on a white background.

## Color Contrast Check

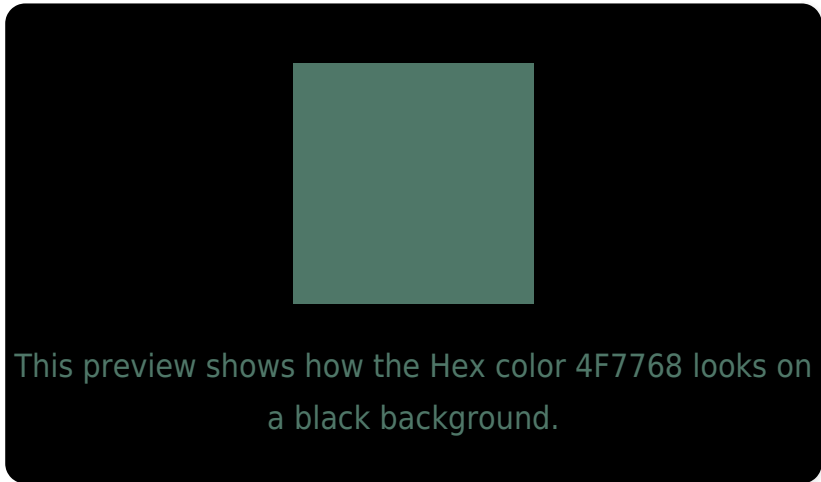
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

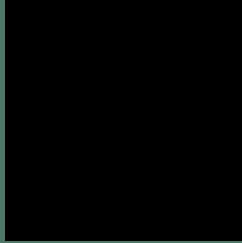
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F7768 Background



This preview shows how black text looks on a background with the Hex color 4F7768.

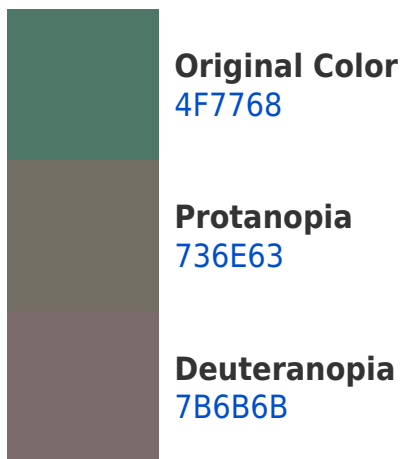


This preview shows how white text looks on a background with the Hex color 4F7768.

# 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**  
54747D

# Trichromacy



**Original Color**  
4F7768

**Protanomaly**  
667165

**Deuteranomaly**  
6B6F6A

**Tritanomaly**  
527575

# Monochromacy



**Original Color**  
4F7768

**Achromatopsia**  
696969

**Achromatomaly**  
606E69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F7768 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 #4F7768 looks like.

```
.text, #text, p{  
    color:#4F7768  
}
```

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 #4F7768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7768  
}
```

## Border

The CSS property to change the border of an element to Hex 4F7768 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  
#4F7768 }
```

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

```
.border{ border-color:#4F7768 }
```

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

Here you see how a box with a 4 pixel #4F7768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7768; -webkit-box-shadow:4px 4px  
4px 4px #4F7768; box-shadow:4px 4px 4px  
4px #4F7768 }
```

# Background

The CSS property to change the background color of an element to Hex 4F7768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7768 }
```

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

```
.background{ background-color:#4F7768 }
```

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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