

Converting Colors

Hex(4F7868)

Have a look what the booklet for
Hex(4F7868) contains.

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Color

Hex(4F7868)

Conversions

Conversions Part 1

Format	Color
Hex	4F7868
RGB	79, 120, 104
RGB Percent	31%, 47%, 41%
CMY	0.6902, 0.5294, 0.5922
CMYK	0.34, 0.00, 0.13, 0.53
HSL	157°, 21%, 39%
HSV	157°, 34%, 47%
XYZ	12.4396, 16.0947, 15.5477
YIQ	105.9170, -19.3000, -13.6680

Conversions

Conversions Part 2

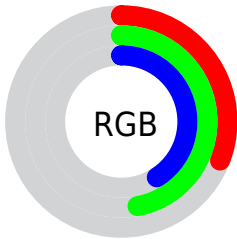
Format	Color
RYB	79, 104, 120
Decimal	5208168
CIELab	47.10, -18.12, 4.25
CIELCh	47, 18.610, 166.784
Yxy	16.0947, 0.2822, 0.3651
Android (android.graphics.Color)	4283398248 (0xFF4F7868)
YUV	105.9170, -0.9451, -23.6062
Hunter-Lab	40.1182, -14.8586, 5.1051

Details

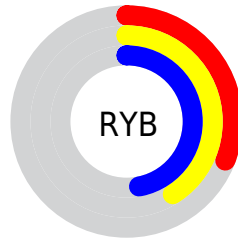
The Hex color **4F7868** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **784F5F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **82AC9B**, and **1F4739** is the 20% darker color. If you saturate the color by 10%, you get **437863**, and if you desaturate by 10%, it is **5B786D**.

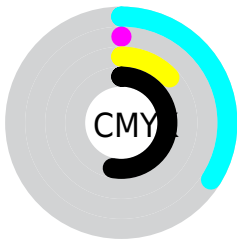
Distribution



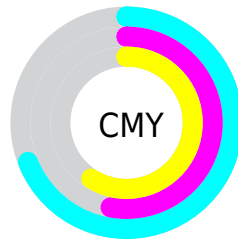
- Red (31%)
- Green (47%)
- Blue (41%)



- 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 4F7868 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 4F7868 by changing the saturation by 10% instead.



4F7868



4F7868

FFFFFF



375F50



82AC9B



1F4739



9CC8B6



063124



B7E4D1



001D0E



D3FFEE



000000



F0FFFF



4F7868



4F7868



437863



5B786D



37785F



677871

■ 2B785A

■ 737876

■ 1F7855

■ 7F787B

■ 137851

■ 8B787F

■ 07784C

■ 977884

■ 007849

■ A37889

■ AF788D

■ BB7892

Harmonies

Analogous

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



60765A



4F7868



437878

Triad

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



4F7868



696E8D



8C675A

Complementary

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



4F7868



784F5F

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.



906567



4F7868



7D6985

Square

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



4F7868



53738E



8A6577



816C52

Rectangle

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



4F7868



427882



8A6577



8E665E

Sweetspot

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



4F7868



8C9C95



5F784F



464F4B



CFCFCF



4F4F4F

Same Dimension

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



4F7868



5C9C83



4F7478



373D3B



007D4C



00FC9A

Inverse Universe

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



784F5F



9C5C75



78534F



3D3739



7D0031



FC0063

Previews

White Background



This preview shows how the Hex color 4F7868 looks on a white background.

Color Contrast Check

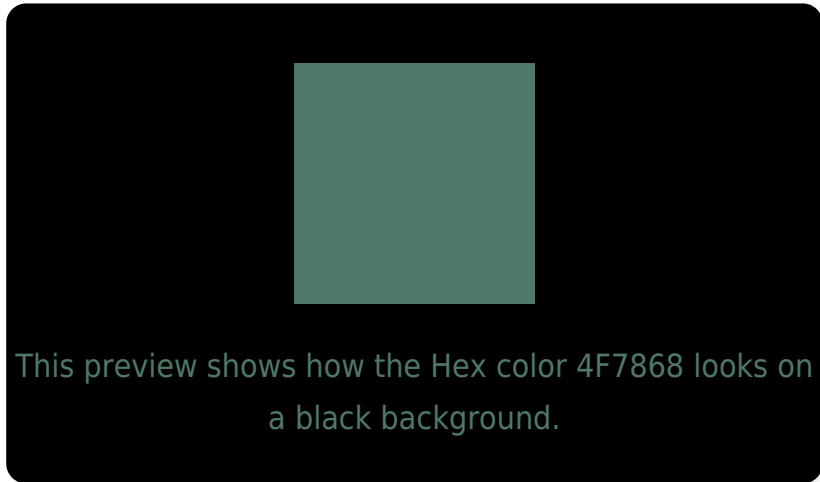
Large Text (above 18pt) WCAG AA ✓ Pass

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 4F7868 Background



This preview shows how black text looks on a background with the Hex color 4F7868.

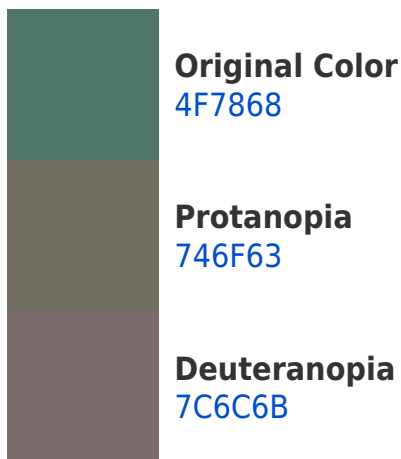


This preview shows how white text looks on a background with the Hex color 4F7868.

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](#).

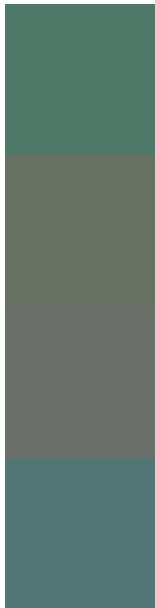
Dichromacy





Tritanopia
54757E

Trichromacy



Original Color
4F7868

Protanomaly
677265

Deuteranomaly
6C706A

Tritanomaly
527676

Monochromacy



Original Color
4F7868

Achromatopsia
6A6A6A

Achromatomaly
606F69

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7868 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 #4F7868 looks like.

```
.text, #text, p{  
    color:#4F7868  
}
```

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 #4F7868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7868
}
```

Border

The CSS property to change the border of an element to Hex 4F7868 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".

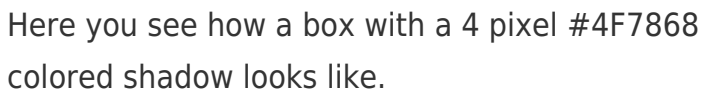
```
.border, #border, table{ border:4px solid
#4F7868 }
```

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

```
.border{ border-color:#4F7868 }
```

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

Here you see how a box with a 4 pixel #4F7868 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7868; -webkit-box-shadow:4px 4px  
4px 4px #4F7868; box-shadow:4px 4px 4px  
4px #4F7868 }
```

Background

The CSS property to change the background color of an element to Hex 4F7868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7868 }
```

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

```
.background{ background-color:#4F7868 }
```

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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