

Converting Colors

Hex(4F7D75)

Have a look what the booklet for
Hex(4F7D75) contains.

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Color

Hex(4F7D75)

Conversions

Conversions Part 1

Format	Color
Hex	4F7D75
RGB	79, 125, 117
RGB Percent	31%, 49%, 46%
CMY	0.6902, 0.5098, 0.5412
CMYK	0.37, 0.00, 0.06, 0.51
HSL	170°, 23%, 40%
HSV	170°, 37%, 49%
XYZ	13.7690, 17.6139, 19.5037
YIQ	110.3340, -24.8480, -12.2400

Conversions

Conversions Part 2

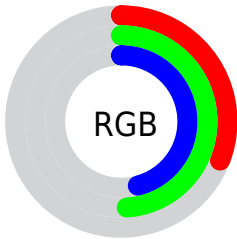
Format	Color
RYB	79, 104, 125
Decimal	5209461
CIELab	49.02, -17.68, -0.63
CIELCh	49, 17.691, 182.041
Yxy	17.6139, 0.2706, 0.3461
Android (android.graphics.Color)	4283399541 (0xFF4F7D75)
YUV	110.3340, 3.2863, -27.4799
Hunter-Lab	41.9689, -14.8840, 1.8250

Details

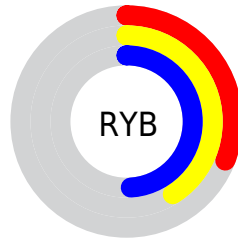
The Hex color **4F7D75** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D4F57**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **82B2A9**, and **1E4C45** is the 20% darker color. If you saturate the color by 10%, you get **437D73**, and if you desaturate by 10%, it is **5C7D77**.

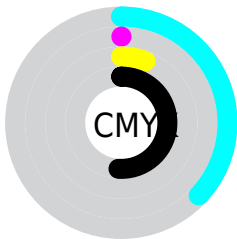
Distribution



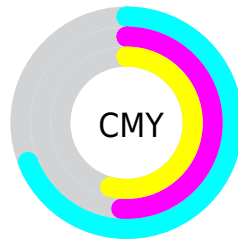
- Red (31%)
- Green (49%)
- Blue (46%)



- Red (31%)
- Yellow (41%)
- Blue (49%)



- Cyan (37%)
- Magenta (0%)
- Yellow (6%)
- Black (51%)



- Cyan (69%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7D75 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 4F7D75 by changing the saturation by 10% instead.



4F7D75



4F7D75

FFFFFF



36645C



82B2A9



1E4C45



9DCDC4



02352F



B8EAE0



00201A



D4FFFD



000000



F1FFFF



4F7D75



4F7D75



437D73



5C7D77



367D71



687D79

■ 2A7D6E

■ 757D7C

■ 1D7D6C

■ 817D7E

■ 117D6A

■ 8E7D80

■ 047D68

■ 9A7D82

■ 007D67

■ A77D84

■ B37D86

■ C07D89

Harmonies

Analogous

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



5D7C66



4F7D75



4A7C84

Triad

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



4F7D75



78708E



8C6F5B

Complementary

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



4F7D75



7D4F57

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.



936B65



4F7D75



896C83

Square

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



4F7D75



647592



926A74



7F7457

Rectangle

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



4F7D75



4D7B8C



926A74



8F6D5D

Sweetspot

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



4F7D75



91A3A0



577D4F



475250



D1D1D1



525252

Same Dimension

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



4F7D75



5BA397



4F6E7D



39403F



008069



000000

Inverse Universe

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



7D4F57



A35B68



7D5E4F



40393A



800016



000000

Previews

White Background



This preview shows how the Hex color 4F7D75 looks on a white background.

Color Contrast Check

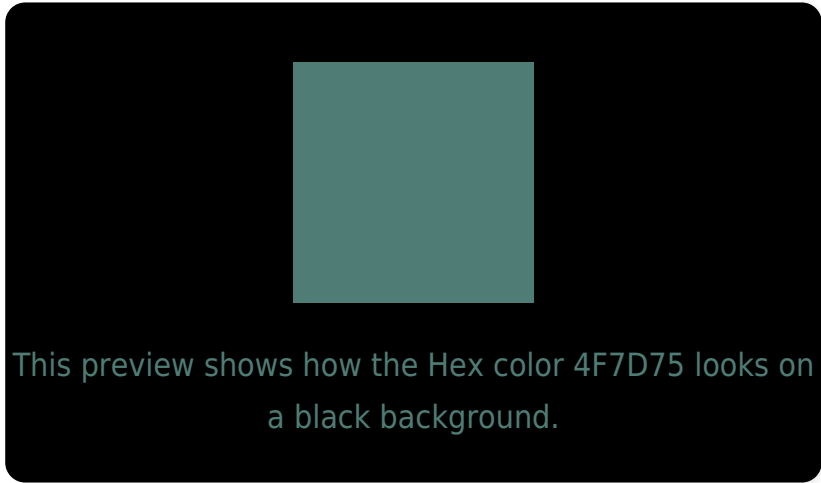
Large Text (above 18pt) WCAG AA ✓ Pass

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

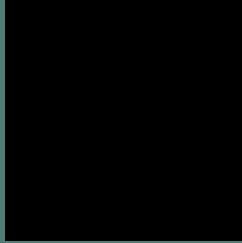
Any Text WCAG AA ✓ Pass

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 4F7D75 Background



This preview shows how black text looks on a background with the Hex color 4F7D75.



This preview shows how white text looks on a background with the Hex color 4F7D75.

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
537B85

Trichromacy



Original Color
4F7D75

Protanomaly
687772

Deuteranomaly
6D7577

Tritanomaly
527C7F

Monochromacy



Original Color
4F7D75

Achromatopsia
6E6E6E

Achromatomaly
637371

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7D75 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 #4F7D75 looks like.

```
.text, #text, p{  
    color:#4F7D75  
}
```

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 #4F7D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7D75
}
```

Border

The CSS property to change the border of an element to Hex 4F7D75 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".

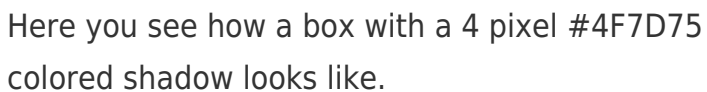
```
.border, #border, table{ border:4px solid
#4F7D75 }
```

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

```
.border{ border-color:#4F7D75 }
```

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

Here you see how a box with a 4 pixel #4F7D75 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7D75; -webkit-box-shadow:4px 4px  
4px 4px #4F7D75; box-shadow:4px 4px 4px  
4px #4F7D75 }
```

Background

The CSS property to change the background color of an element to Hex 4F7D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7D75 }
```

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

```
.background{ background-color:#4F7D75 }
```

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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