

Converting Colors

Hex(507F74)

Have a look what the booklet for
Hex(507F74) contains.

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Color

Hex(507F74)

Conversions

Conversions Part 1

Format	Color
Hex	507F74
RGB	80, 127, 116
RGB Percent	31%, 50%, 45%
CMY	0.6863, 0.5020, 0.5451
CMYK	0.37, 0.00, 0.09, 0.50
HSL	166°, 23%, 41%
HSV	166°, 37%, 50%
XYZ	14.0500, 18.1452, 19.2849
YIQ	111.6930, -24.4810, -13.3850

Conversions

Conversions Part 2

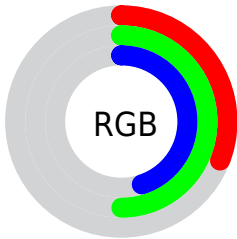
Format	Color
RYB	80, 107, 127
Decimal	5275508
CIELab	49.67, -18.70, 0.91
CIELCh	50, 18.717, 177.216
Yxy	18.1452, 0.2729, 0.3525
Android (android.graphics.Color)	4283465588 (0xFF507F74)
YUV	111.6930, 2.1234, -27.7948
Hunter-Lab	42.5971, -15.6695, 2.9759

Details

The Hex color **507F74** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F505B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **83B4A8**, and **1F4E44** is the 20% darker color. If you saturate the color by 10%, you get **437F71**, and if you desaturate by 10%, it is **5D7F77**.

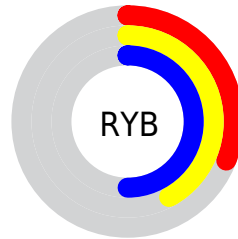
Distribution



Red (31%)

Green (50%)

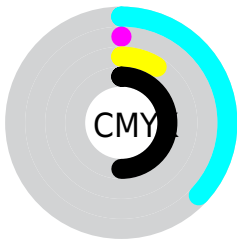
Blue (45%)



Red (31%)

Yellow (42%)

Blue (50%)

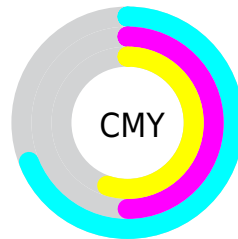


Cyan (37%)

Magenta (0%)

Yellow (9%)

Black (50%)



Cyan (69%)

Magenta (50%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 507F74 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 507F74 by changing the saturation by 10% instead.

■ 507F74

■ 507F74

FFFFFF

■ 37665B

■ 83B4A8

■ 1F4E44

■ 9ED0C3

■ 03372E

■ B9ECDF

■ 002119

■ D5FFFC

■ 000000

■ F2FFFF

■ 507F74

■ 507F74

■ 437F71

■ 5D7F77

■ 377F6E

■ 697F7A

■ 2A7F6B

■ 767F7D

■ 1D7F68

■ 837F80

■ 107F65

■ 907F83

■ 047F62

■ 9C7F86

■ 007F61

■ A97F89

■ B67F8C

■ C27F8F

Harmonies

Analogous

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



607D64



507F74



487F84

Triad

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



507F74



777392



906F5C

Complementary

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



507F74



7F505B

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.



966C68



507F74



896E88

Square

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



507F74



617896



946B78



837557

Rectangle

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



507F74



4A7D8D



946B78



936E5F

Sweetspot

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



507F74



94A6A1



5C7F50



495452



D4D4D4



545454

Same Dimension

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



507F74



5DA695



50737F



39403E



008062



000000

Inverse Universe

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



7F505B



A65D6E



7F5C50



40393B



80001E



000000

Previews

White Background



This preview shows how the Hex color 507F74 looks on a white background.

Color Contrast Check

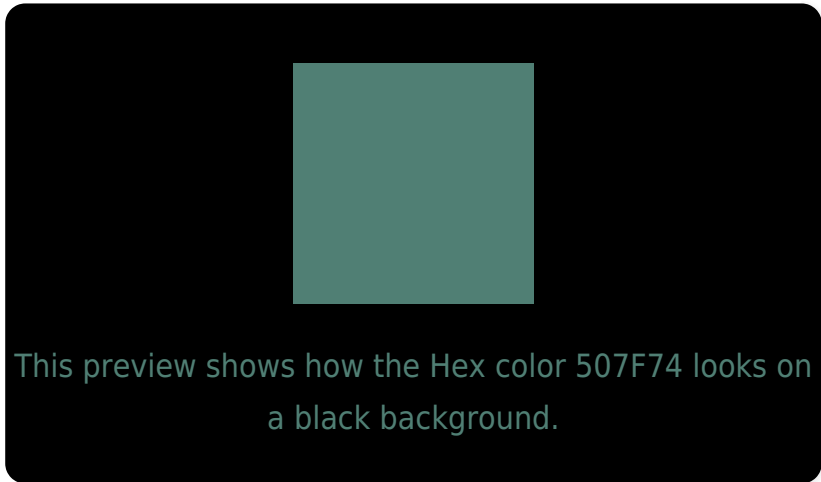
Large Text (above 18pt) WCAG AA ✓ Pass

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

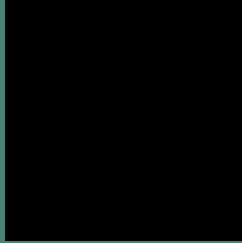
Any Text WCAG AA ✓ Pass

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 507F74 Background



This preview shows how black text looks on a background with the Hex color 507F74.

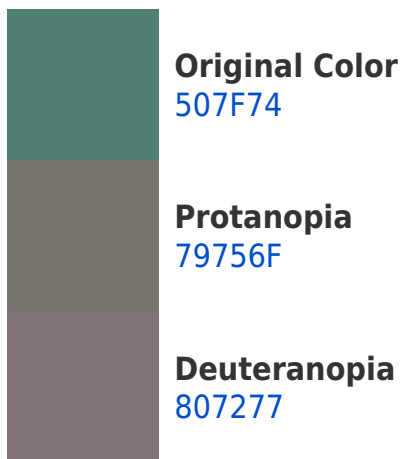



This preview shows how white text looks on a background with the Hex color 507F74.

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](#).

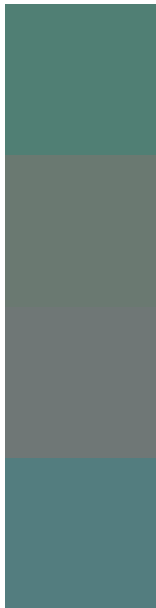
Dichromacy





Tritanopia
547C86

Trichromacy



Original Color
507F74

Protanomaly
6A7971

Deuteranomaly
6F7776

Tritanomaly
537D7F

Monochromacy



Original Color
507F74

Achromatopsia
707070

Achromatomaly
647571

CSS Examples

Text

The CSS property to change the color of the text to Hex 507F74 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 #507F74 looks like.

```
.text, #text, p{  
    color:#507F74  
}
```

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 #507F74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507F74
}
```

Border

The CSS property to change the border of an element to Hex 507F74 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
#507F74 }
```

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

```
.border{ border-color:#507F74 }
```

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

Here you see how a box with a 4 pixel #507F74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507F74; -webkit-box-shadow:4px 4px  
4px 4px #507F74; box-shadow:4px 4px 4px  
4px #507F74 }
```

Background

The CSS property to change the background color of an element to Hex 507F74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507F74 }
```

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

```
.background{ background-color:#507F74 }
```

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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