

Converting Colors

Hex(507F7D)

Have a look what the booklet for
Hex(507F7D) contains.

Hex(507F7D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(507F7D)

Conversions

Conversions Part 1

Format	Color
Hex	507F7D
RGB	80, 127, 125
RGB Percent	31%, 50%, 49%
CMY	0.6863, 0.5020, 0.5098
CMYK	0.37, 0.00, 0.02, 0.50
HSL	177°, 23%, 41%
HSV	177°, 37%, 50%
XYZ	14.5993, 18.3649, 22.1773
YIQ	112.7190, -27.3700, -10.5860

Conversions

Conversions Part 2

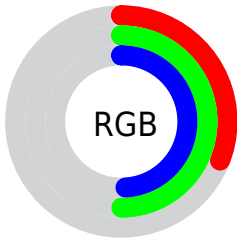
Format	Color
RYB	80, 104, 127
Decimal	5275517
CIELab	49.94, -16.43, -3.99
CIELCh	50, 16.910, 193.653
Yxy	18.3649, 0.2648, 0.3330
Android (android.graphics.Color)	4283465597 (0xFF507F7D)
YUV	112.7190, 6.0545, -28.6946
Hunter-Lab	42.8543, -14.1848, -0.6849

Details

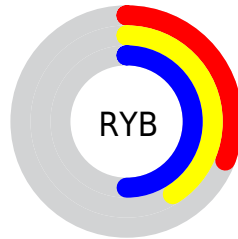
The Hex color **507F7D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **7F5052**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **84B4B2**, and **1E4E4C** is the 20% darker color. If you saturate the color by 10%, you get **437F7C**, and if you desaturate by 10%, it is **5D7F7E**.

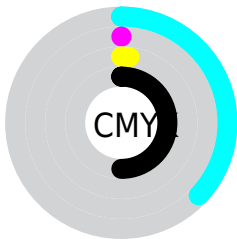
Distribution



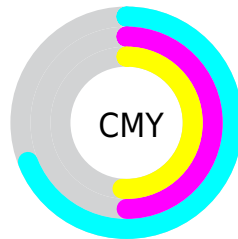
- Red (31%)
- Green (50%)
- Blue (49%)



- Red (31%)
- Yellow (41%)
- Blue (50%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



- Cyan (69%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 507F7D 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 507F7D by changing the saturation by 10% instead.

■ 507F7D

■ 507F7D

FFFFFF

■ 376664

■ 84B4B2

■ 1E4E4C

■ 9ECFCD

■ 013736

■ BAECE9

■ 002120

■ D6FFFF

■ 000009

■ F3FFFF

■ 000000

■ 507F7D

■ 507F7D

■ 437F7C

■ 5D7F7E

■ 377F7C

■ 697F7E

■ 2A7F7B

■ 767F7F

■ 1D7F7B

■ 837F7F

■ 107F7A

■ 907F80

■ 047F7A

■ 9C7F80

■ 007F7A

■ A97F81

■ B67F81

■ C27F82

Harmonies

Analogous

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



5B7E6E



507F7D



507E8A

Triad

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



507F7D



81718C



89735C

Complementary

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



507F7D



7F5052

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.



926F64



507F7D



8F6D7F

Square

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



507F7D



6F7692



946D71



7B785B

Rectangle

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



507F7D



577C90



946D71



8D725D

Sweetspot

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



507F7D



94A6A5



527F50



495454



D4D4D4



545454

Same Dimension

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



507F7D



5DA6A3



506A7F



39403F



00807A



000000

Inverse Universe

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



7F5052



A65D60



7F6550



40393A



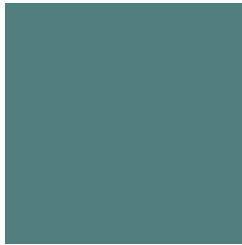
800005



000000

Previews

White Background



This preview shows how the Hex color 507F7D looks on a white background.

Color Contrast Check

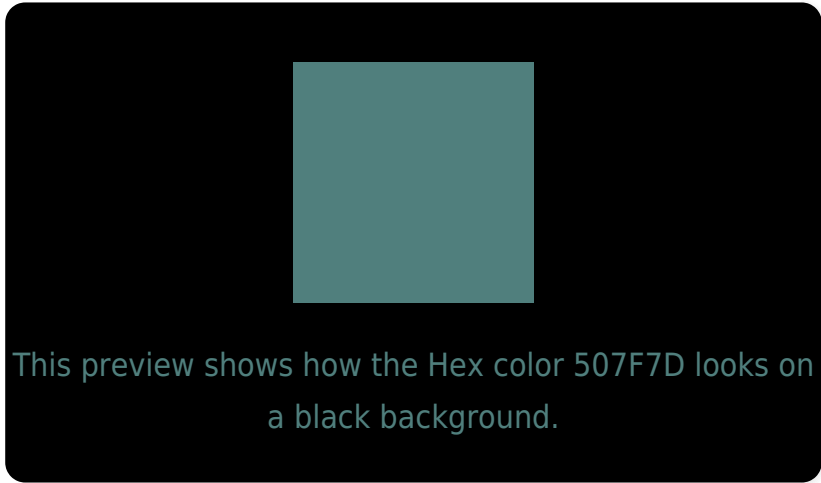
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

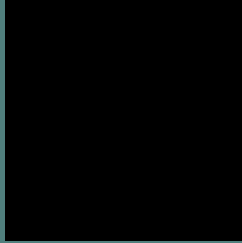
Any Text WCAG AA ✓ Pass

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 507F7D Background



This preview shows how black text looks on a background with the Hex color 507F7D.

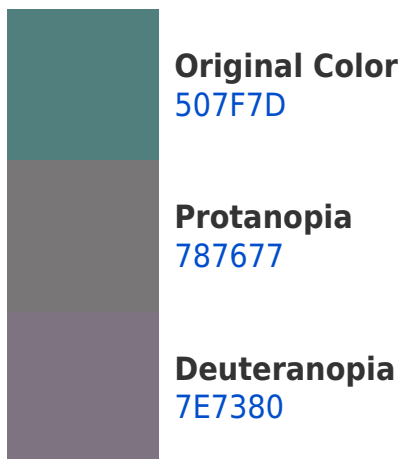



This preview shows how white text looks on a background with the Hex color 507F7D.

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](#).

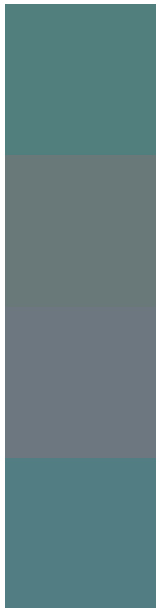
Dichromacy





Tritanopia
537D87

Trichromacy



Original Color
507F7D

Protanomaly
697979

Deuteranomaly
6D777F

Tritanomaly
527E83

Monochromacy



Original Color
507F7D

Achromatopsia
717171

Achromatomaly
657675

CSS Examples

Text

The CSS property to change the color of the text to Hex 507F7D 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 #507F7D looks like.

```
.text, #text, p{  
    color:#507F7D  
}
```

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 #507F7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507F7D
}
```

Border

The CSS property to change the border of an element to Hex 507F7D 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
#507F7D }
```

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

```
.border{ border-color:#507F7D }
```

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

Here you see how a box with a 4 pixel #507F7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507F7D; -webkit-box-shadow:4px 4px  
4px 4px #507F7D; box-shadow:4px 4px 4px  
4px #507F7D }
```

Background

The CSS property to change the background color of an element to Hex 507F7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507F7D }
```

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

```
.background{ background-color:#507F7D }
```

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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