

Converting Colors

Hex(507C7C)

Have a look what the booklet for
Hex(507C7C) contains.

Hex(507C7C)	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(507C7C)

Conversions

Conversions Part 1

Format	Color
Hex	507C7C
RGB	80, 124, 124
RGB Percent	31%, 49%, 49%
CMY	0.6863, 0.5137, 0.5137
CMYK	0.35, 0.00, 0.00, 0.51
HSL	180°, 22%, 40%
HSV	180°, 35%, 49%
XYZ	14.1540, 17.5760, 21.7153
YIQ	110.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

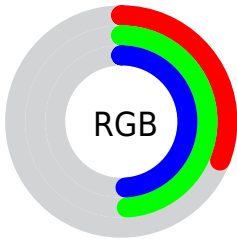
Format	Color
R_{YB}	80, 102, 124
Decimal	5274748
CIE _{Lab}	48.98, -15.05, -4.82
CIE _{LCh}	49, 15.806, 197.755
Yxy	17.5760, 0.2648, 0.3289
Android (android.graphics.Color)	4283464828 (0xFF507C7C)
YUV	110.8440, 6.4859, -27.0502
Hunter-Lab	41.9238, -13.1026, -1.3639

Details

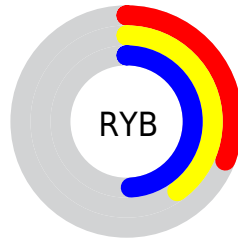
The Hex color **507C7C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C5050**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **83B1B0**, and **1F4B4B** is the 20% darker color. If you saturate the color by 10%, you get **447C7C**, and if you desaturate by 10%, it is **5C7C7C**.

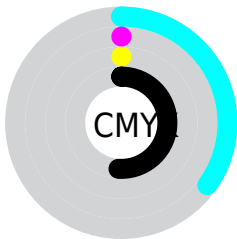
Distribution



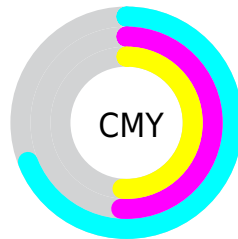
- Red (31%)
- Green (49%)
- Blue (49%)



- Red (31%)
- Yellow (40%)
- Blue (49%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 507C7C 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 507C7C by changing the saturation by 10% instead.

■ 507C7C

■ 507C7C

FFFFFF

■ 376363

■ 83B1B0

■ 1F4B4B

■ 9ECCCC

■ 023435

■ B9E8E8

■ 001F20

■ D6FFFF

■ 000007

■ F2FFFF

■ 000000

■ 507C7C

■ 507C7C

■ 447C7C

■ 5C7C7C

■ 377C7C

■ 697C7C

■ 2B7C7C

■ 757C7C

■ 1E7C7C

■ 827C7C

■ 127C7C

■ 8E7C7C

■ 067C7C

■ 9A7C7C

■ 007C7C

■ A77C7C

■ B37C7C

■ C07C7C

Harmonies

Analogous

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



597C6E



507C7C



517A88

Triad

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



507C7C



806E86



84725A

Complementary

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



507C7C



7C5050

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.



8D6D61



507C7C



8C6B7A

Square

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



507C7C



6F738E



906B6D



76765B

Rectangle

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



507C7C



59788D



906B6D



87705C

Sweetspot

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



507C7C



8FA1A1



507C50



475252



D1D1D1



525252

Same Dimension

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



507C7C



5CA1A1



50667C



373D3D



007D7D



00FCFC

Inverse Universe

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



7C507C



A15CA1



7C6650



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 507C7C looks on a white background.

Color Contrast Check

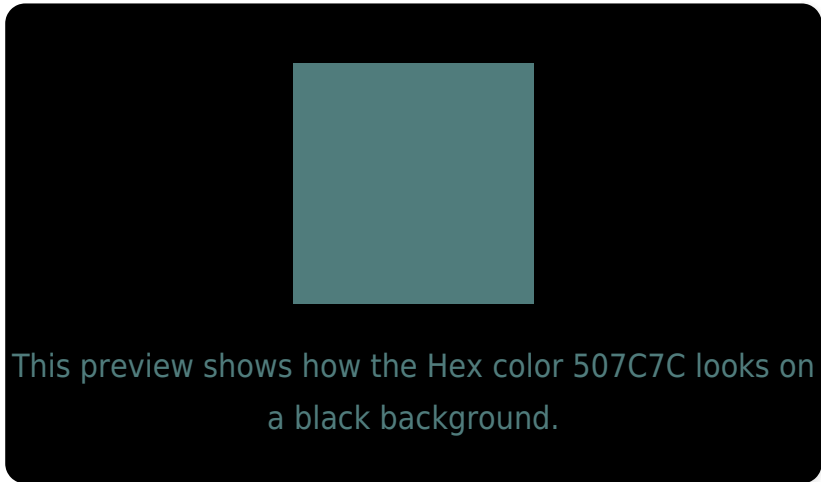
Large Text (above 18pt) WCAG AA ✓ Pass

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

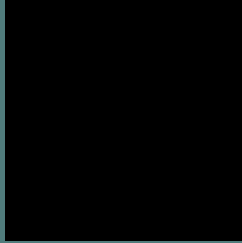
Any Text WCAG AA ✓ Pass

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 507C7C Background



This preview shows how black text looks on a background with the Hex color 507C7C.



This preview shows how white text looks on a background with the Hex color 507C7C.

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](#).

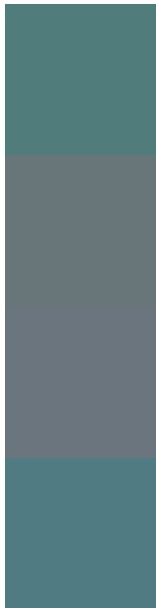
Dichromacy





Tritanopia
527B85

Trichromacy



Original Color
507C7C

Protanomaly
687679

Deuteranomaly
6B757D

Tritanomaly
517B82

Monochromacy



Original Color
507C7C

Achromatopsia
6F6F6F

Achromatomaly
647474

CSS Examples

Text

The CSS property to change the color of the text to Hex 507C7C 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 #507C7C looks like.

```
.text, #text, p{  
    color:#507C7C  
}
```

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 #507C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507C7C
}
```

Border

The CSS property to change the border of an element to Hex 507C7C 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
#507C7C }
```

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

```
.border{ border-color:#507C7C }
```

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

Here you see how a box with a 4 pixel #507C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507C7C; -webkit-box-shadow:4px 4px  
4px 4px #507C7C; box-shadow:4px 4px 4px  
4px #507C7C }
```

Background

The CSS property to change the background color of an element to Hex 507C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507C7C }
```

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

```
.background{ background-color:#507C7C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor