

Converting Colors

Hex(507A7C)

Have a look what the booklet for
Hex(507A7C) contains.

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Color

Hex(507A7C)

Conversions

Conversions Part 1

Format	Color
Hex	507A7C
RGB	80, 122, 124
RGB Percent	31%, 48%, 49%
CMY	0.6863, 0.5216, 0.5137
CMYK	0.35, 0.02, 0.00, 0.51
HSL	183°, 22%, 40%
HSV	183°, 35%, 49%
XYZ	13.9059, 17.0798, 21.6326
YIQ	109.6700, -25.6740, -8.2820

Conversions

Conversions Part 2

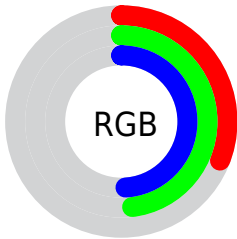
Format	Color
R_{YB}	80, 101, 124
Decimal	5274236
CIE _{Lab}	48.36, -13.95, -5.74
CIE _{LCh}	48, 15.083, 202.352
Yxy	17.0798, 0.2643, 0.3246
Android (android.graphics.Color)	4283464316 (0xFF507A7C)
YUV	109.6700, 7.0647, -26.0206
Hunter-Lab	41.3277, -12.2620, -2.1054

Details

The Hex color **507A7C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C5250**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **83AFB0**, and **1F494B** is the 20% darker color. If you saturate the color by 10%, you get **44797C**, and if you desaturate by 10%, it is **5C7B7C**.

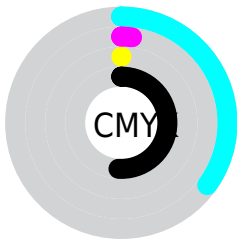
Distribution



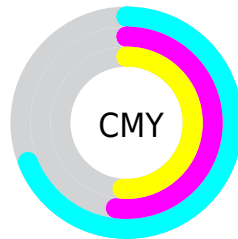
- Red (31%)
- Green (48%)
- Blue (49%)



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



- Cyan (35%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (69%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 507A7C 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 507A7C by changing the saturation by 10% instead.

■ 507A7C

■ 507A7C

FFFFFF

■ 376163

■ 83AFB0

■ 1F494B

■ 9ECACC

■ 033335

■ B9E6E8

■ 001E1F

■ D5FFFF

■ 000007

■ F2FFFF

■ 000000

■ 507A7C

■ 507A7C

■ 44797C

■ 5C7B7C

■ 37797C

■ 697B7C

■ 2B787C

■ 757C7C

■ 1E787C

■ 827C7C

■ 12777C

■ 8E7D7C

■ 06777C

■ 9A7D7C

■ 00767C

■ A77E7C

■ B37F7C

■ C07F7C

Harmonies

Analogous

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



577A6F



507A7C



537887

Triad

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



507A7C



806D83



80715A

Complementary

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



507A7C



7C5250

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.



896D5F



507A7C



8A6A77

Square

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



507A7C



71718A



8D6A6A



72755B

Rectangle

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



507A7C



5B768B



8D6A6A



836F5B

Sweetspot

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



507A7C



8FA0A1



507C51



475152



D1D1D1



525252

Same Dimension

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



507A7C



5C9EA1



50657C



373D3D



00777D



00F1FC

Inverse Universe

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



7C507A



A15C9E



7C6750



3D373D



7D0077



FC00F1

Previews

White Background



This preview shows how the Hex color 507A7C looks on a white background.

Color Contrast Check

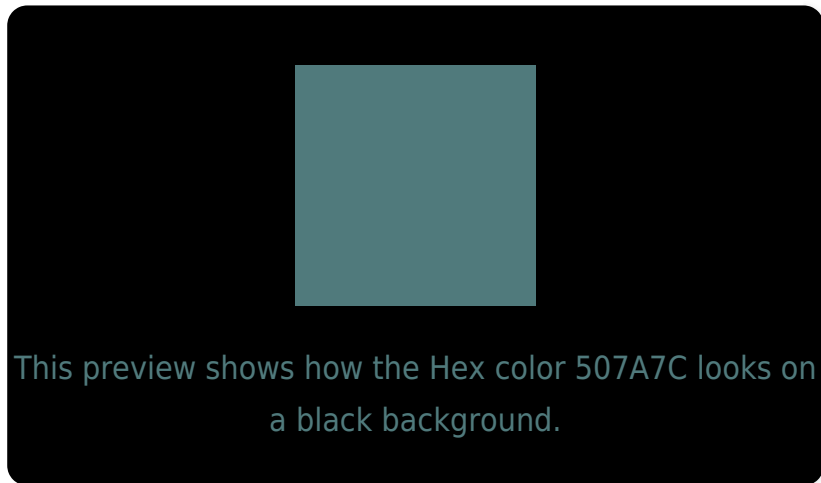
Large Text (above 18pt) WCAG AA ✓ Pass

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

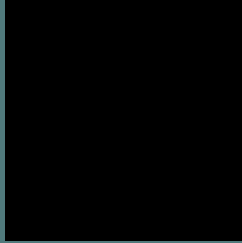
Any Text WCAG AA × Fail

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 507A7C Background



This preview shows how black text looks on a background with the Hex color 507A7C.



This preview shows how white text looks on a background with the Hex color 507A7C.

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](#).

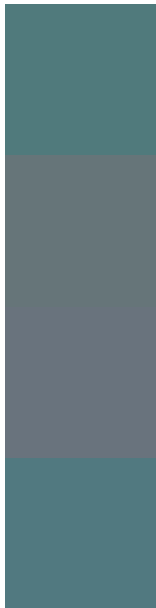
Dichromacy





Tritanopia
527983

Trichromacy



Original Color
507A7C

Protanomaly
667579

Deuteranomaly
69737D

Tritanomaly
517980

Monochromacy



Original Color
507A7C

Achromatopsia
6E6E6E

Achromatomaly
637273

CSS Examples

Text

The CSS property to change the color of the text to Hex 507A7C 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 #507A7C looks like.

```
.text, #text, p{  
    color:#507A7C  
}
```

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 #507A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #507A7C
}
```

Border

The CSS property to change the border of an element to Hex 507A7C 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
#507A7C }
```

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

```
.border{ border-color:#507A7C }
```

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

Here you see how a box with a 4 pixel #507A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #507A7C; -webkit-box-shadow:4px 4px  
4px 4px #507A7C; box-shadow:4px 4px 4px  
4px #507A7C }
```

Background

The CSS property to change the background color of an element to Hex 507A7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#507A7C }
```

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

```
.background{ background-color:#507A7C }
```

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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