

Converting Colors

Hex(547D80)

Have a look what the booklet for
Hex(547D80) contains.

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Color

Hex(547D80)

Conversions

Conversions Part 1

Format	Color
Hex	547D80
RGB	84, 125, 128
RGB Percent	33%, 49%, 50%
CMY	0.6706, 0.5098, 0.4980
CMYK	0.34, 0.02, 0.00, 0.50
HSL	184°, 21%, 42%
HSV	184°, 34%, 50%
XYZ	14.8861, 18.1106, 23.1332
YIQ	113.0830, -25.3990, -7.7590

Conversions

Conversions Part 2

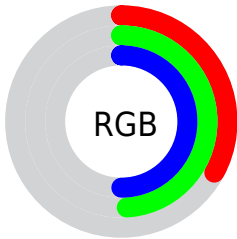
Format	Color
R_{YB}	84, 105, 128
Decimal	5537152
CIE _{Lab}	49.63, -13.37, -6.19
CIE _{LCh}	50, 14.734, 204.824
Yxy	18.1106, 0.2652, 0.3227
Android (android.graphics.Color)	4283727232 (0xFF547D80)
YUV	113.0830, 7.3541, -25.5058
Hunter-Lab	42.5565, -12.0355, -2.4397

Details

The Hex color **547D80** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **805754**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **87B2B5**, and **234C4F** is the 20% darker color. If you saturate the color by 10%, you get **477C80**, and if you desaturate by 10%, it is **617E80**.

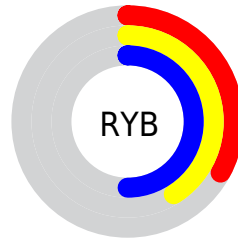
Distribution



Red (33%)

Green (49%)

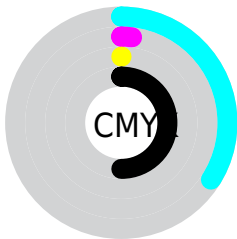
Blue (50%)



Red (33%)

Yellow (41%)

Blue (50%)

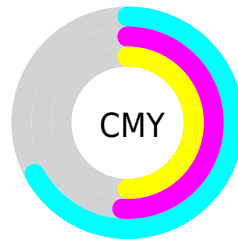


Cyan (34%)

Magenta (2%)

Yellow (0%)

Black (50%)



Cyan (67%)

Magenta (51%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 547D80 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 547D80 by changing the saturation by 10% instead.

■ 547D80

■ 547D80

FFFFFF

■ 3B6467

■ 87B2B5

■ 234C4F

■ A2CDD0

■ 083538

■ BEE9ED

■ 002023

■ DAFFFF

■ 00010D

■ F7FFFF

■ 000000

■ 547D80

■ 547D80

■ 477C80

■ 617E80

■ 3A7B80

■ 6E7F80

■ 2E7A80

■ 7A8080

■ 217A80

■ 878080

■ 147980

■ 948180

■ 077880

■ A18280

■ 007780

■ AE8380

■ BA8480

■ C78580

Harmonies

Analogous

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



5A7D73



547D80



587B8A

Triad

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



547D80



847085



82745D

Complementary

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



547D80



805754

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.



8C7062



547D80



8E6D79

Square

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



547D80



75748D



906E6C



74785F

Rectangle

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



547D80



60798E



906E6C



86735E

Sweetspot

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



547D80



95A5A6



548057



4A5354



D4D4D4



545454

Same Dimension

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



547D80



62A1A6



546780



393F40



007780



000000

Inverse Universe

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



80547D



A662A1



806D54



40393F



800077



000000

Previews

White Background



This preview shows how the Hex color 547D80 looks on a white background.

Color Contrast Check

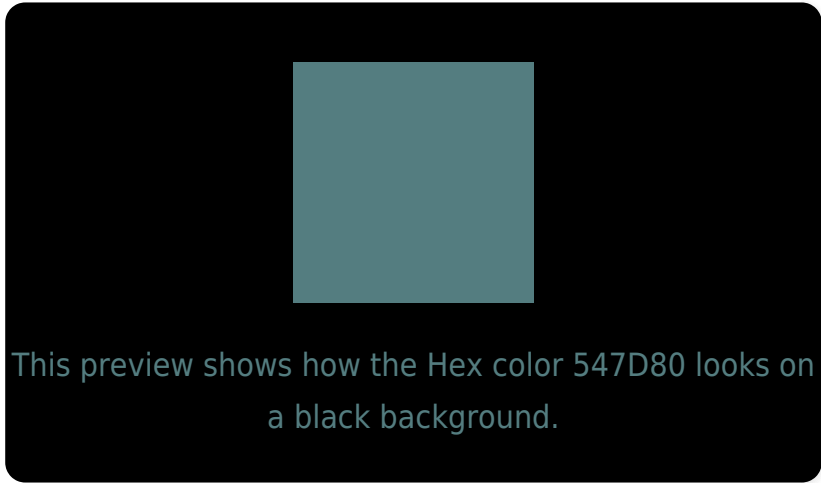
Large Text (above 18pt) WCAG AA ✓ Pass

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

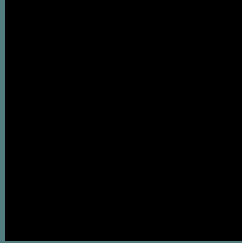
Any Text WCAG AA ✓ Pass

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 547D80 Background



This preview shows how black text looks on a background with the Hex color 547D80.

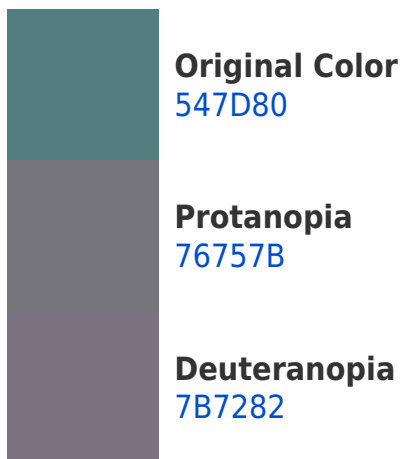



This preview shows how white text looks on a background with the Hex color 547D80.

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](#).

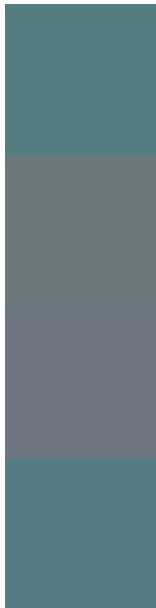
Dichromacy





Tritanopia
557C86

Trichromacy



Original Color
547D80

Protanomaly
6A787D

Deuteranomaly
6D7681

Tritanomaly
557C84

Monochromacy



Original Color
547D80

Achromatopsia
717171

Achromatomaly
667576

CSS Examples

Text

The CSS property to change the color of the text to Hex 547D80 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 #547D80 looks like.

```
.text, #text, p{  
    color:#547D80  
}
```

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 #547D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #547D80
}
```

Border

The CSS property to change the border of an element to Hex 547D80 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
#547D80 }
```

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

```
.border{ border-color:#547D80 }
```

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

Here you see how a box with a 4 pixel #547D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #547D80; -webkit-box-shadow:4px 4px  
4px 4px #547D80; box-shadow:4px 4px 4px  
4px #547D80 }
```

Background

The CSS property to change the background color of an element to Hex 547D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#547D80 }
```

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

```
.background{ background-color:#547D80 }
```

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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