

# Converting Colors

Hex(547B98)

Have a look what the booklet for  
Hex(547B98) contains.

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# Color

Hex(547B98)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	547B98
RGB	84, 123, 152
RGB Percent	33%, 48%, 60%
CMY	0.6706, 0.5176, 0.4039
CMYK	0.45, 0.19, 0.00, 0.40
HSL	206°, 29%, 46%
HSV	206°, 45%, 60%
XYZ	16.4066, 18.3177, 32.3767
YIQ	114.6450, -32.5530, 0.7510

# Conversions

## Conversions Part 2

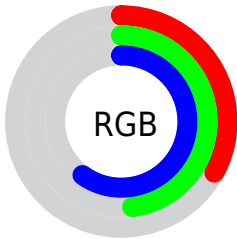
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 109, 152
Decimal	5536664
CIE <sub>Lab</sub>	49.88, -5.57, -19.91
CIE <sub>LCh</sub>	50, 20.670, 254.379
Yxy	18.3177, 0.2445, 0.2730
Android (android.graphics.Color)	4283726744 (0xFF547B98)
YUV	114.6450, 18.4160, -26.8757
Hunter-Lab	42.7992, -6.4726, -14.8922

# Details

The Hex color **547B98** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **987154**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **89AFCE**, and **1F4A65** is the 20% darker color. If you saturate the color by 10%, you get **457598**, and if you desaturate by 10%, it is **638198**.

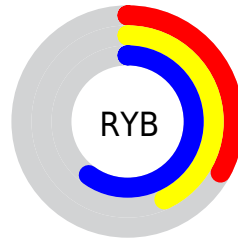
# Distribution



Red (33%)

Green (48%)

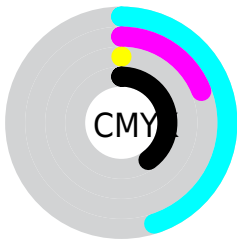
Blue (60%)



Red (33%)

Yellow (43%)

Blue (60%)

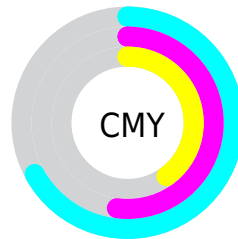


Cyan (45%)

Magenta (19%)

Yellow (0%)

Black (40%)



Cyan (67%)

Magenta (52%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 547B98 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 547B98 by changing the saturation by 10% instead.



■ 547B98

■ 547B98

FFFFFF

■ 3A627E

■ 89AFCE

■ 1F4A65

■ A4CBEB

■ 00344D

■ C0E7FF

■ 001F36

■ DCFFFF

■ 000221

■ F9FFFF

■ 000006

■ 000000

■ 547B98

■ 547B98

■ 457598

■ 638198

■ 366E98

■ 728898

■ 266898

■ 828E98

■ 176198

■ 919598

■ 085B98

■ A09B98

■ 005798

■ AFA298

■ BEA898

■ CEA98

■ DDB598

# Harmonies

## Analogous

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



437F8F



547B98



6D7598

# Triad

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



547B98



9A6A6F



677D5D

# Complementary

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



547B98



987154

# 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.



7B7854



547B98



976D5F

# Square

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



547B98



946B81



8C7255



53806D

# Rectangle

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



547B98



7D7194



8C7255



6E7C59



# Sweetspot

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



547B98



ABB9C4



549870



545D63



E3E3E3



636363



# Same Dimension

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



547B98



5A97C4



545A98



45494D



00508C



00070D



# Inverse Universe

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



98547B



C45A97



989254



4D4549



8C0050



0D0007



# Previews

## White Background



This preview shows how the Hex color 547B98 looks on a white background.

## Color Contrast Check

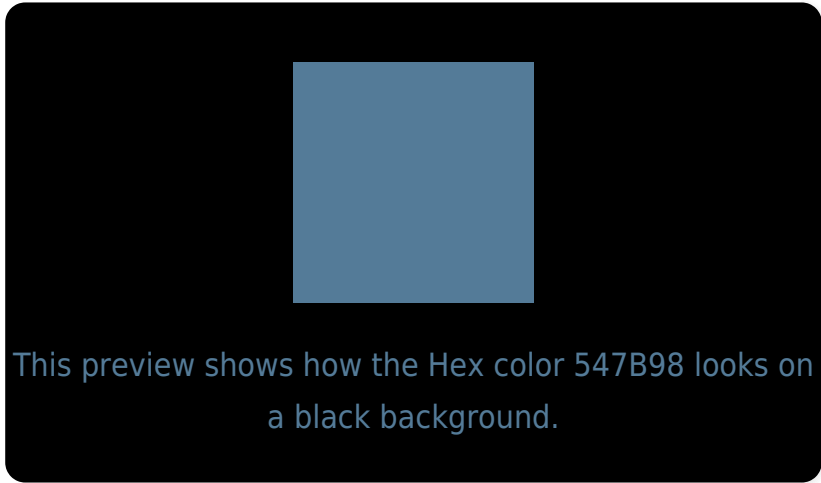
Large Text (above 18pt) WCAG AA ✓ Pass

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

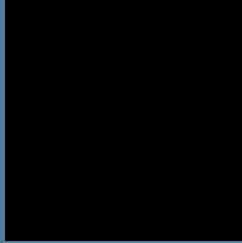
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

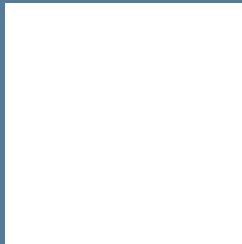
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 547B98 Background



This preview shows how black text looks on a background with the Hex color 547B98.

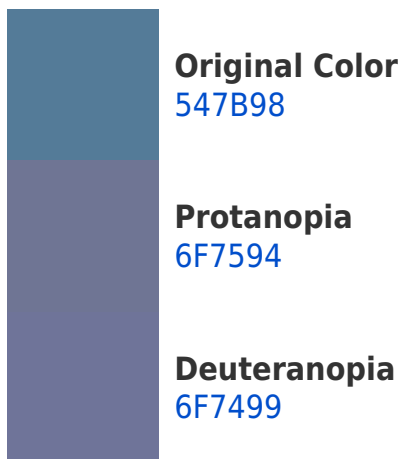


This preview shows how white text looks on a background with the Hex color 547B98.

# 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](#).

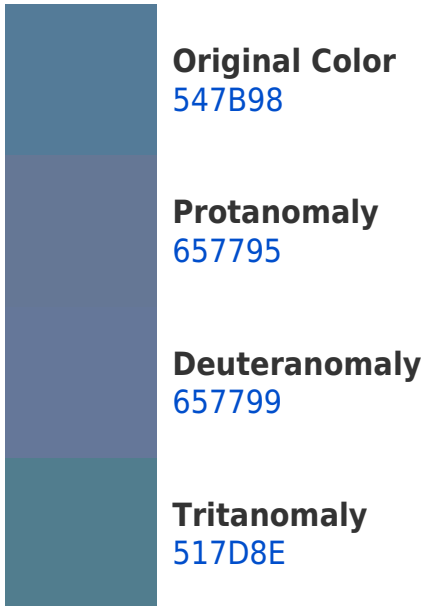
## Dichromacy





**Tritanopia**  
4F7E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 547B98 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 #547B98 looks like.

```
.text, #text, p{  
    color:#547B98  
}
```

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 #547B98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #547B98
}
```

## Border

The CSS property to change the border of an element to Hex 547B98 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
#547B98 }
```

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

```
.border{ border-color:#547B98 }
```

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

Here you see how a box with a 4 pixel #547B98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #547B98; -webkit-box-shadow:4px 4px  
4px 4px #547B98; box-shadow:4px 4px 4px  
4px #547B98 }
```

# Background

The CSS property to change the background color of an element to Hex 547B98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#547B98 }
```

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

```
.background{ background-color:#547B98 }
```

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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