

# Converting Colors

Hex(547D9B)

Have a look what the booklet for  
Hex(547D9B) contains.

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# Color

Hex(547D9B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	547D9B
RGB	84, 125, 155
RGB Percent	33%, 49%, 61%
CMY	0.6706, 0.5098, 0.3922
CMYK	0.46, 0.19, 0.00, 0.39
HSL	205°, 30%, 47%
HSV	205°, 46%, 61%
XYZ	16.9062, 18.9186, 33.7710
YIQ	116.1610, -34.0660, 0.6380

# Conversions

## Conversions Part 2

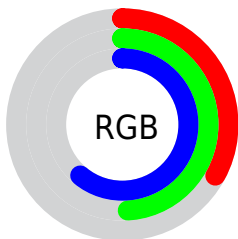
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 110, 155
Decimal	5537179
CIE <sub>Lab</sub>	50.59, -5.84, -20.57
CIE <sub>LCh</sub>	51, 21.381, 254.148
Yxy	18.9186, 0.2429, 0.2718
Android (android.graphics.Color)	4283727259 (0xFF547D9B)
YUV	116.1610, 19.1476, -28.2052
Hunter-Lab	43.4955, -6.7365, -15.5873

# Details

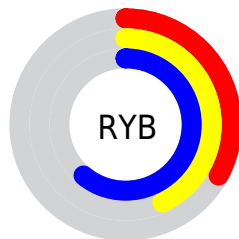
The Hex color **547D9B** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9B7254**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **89B2D2**, and **1F4C68** is the 20% darker color. If you saturate the color by 10%, you get **45769B**, and if you desaturate by 10%, it is **64849B**.

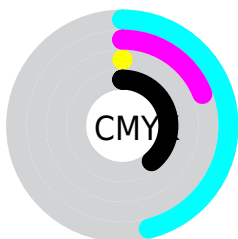
# Distribution



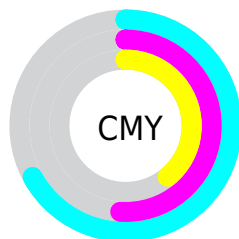
- Red (33%)
- Green (49%)
- Blue (61%)



- Red (33%)
- Yellow (43%)
- Blue (61%)



- Cyan (46%)
- Magenta (19%)
- Yellow (0%)
- Black (39%)



- Cyan (67%)
- Magenta (51%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 547D9B 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 547D9B by changing the saturation by 10% instead.



■ 547D9B

■ 547D9B

FFFFFF

■ 3A6481

■ 89B2D2

■ 1F4C68

■ A4CDEE

■ 003650

■ C0E9FF

■ 002039

■ DDDFFF

■ 000623

■ FAFFFF

■ 00000B

■ 000000

■ 547D9B

■ 547D9B

■ 45769B

■ 64849B

■ 35709B

■ 738A9B

■ 26699B

■ 83919B

■ 16639B

■ 92979B

■ 075C9B

■ A29E9B

■ 005A9B

■ B1A49B

■ C1AB9B

■ D0B19B

■ DFB89B

# Harmonies

## Analogous

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



428191



547D9B



6E779C

# Triad

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



547D9B



9D6B70



687F5E

# Complementary

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



547D9B



9B7254

# 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.



7D7A55



547D9B



9A6E60

# Square

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



547D9B



966C83



8E7456



54826E

# Rectangle

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



547D9B



7E7397



8E7456



6F7D5A



# Sweetspot

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



547D9B



ADBEC9



549B72



555F66



E6E6E6



666666



# Same Dimension

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



547D9B



5B9BC9



545A9B



45494D



00518C



00070D



# Inverse Universe

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



9B547D



C95B9B



9B9554



4D4549



8C0051



0D0007



# Previews

## White Background



This preview shows how the Hex color 547D9B looks on a white background.

## Color Contrast Check

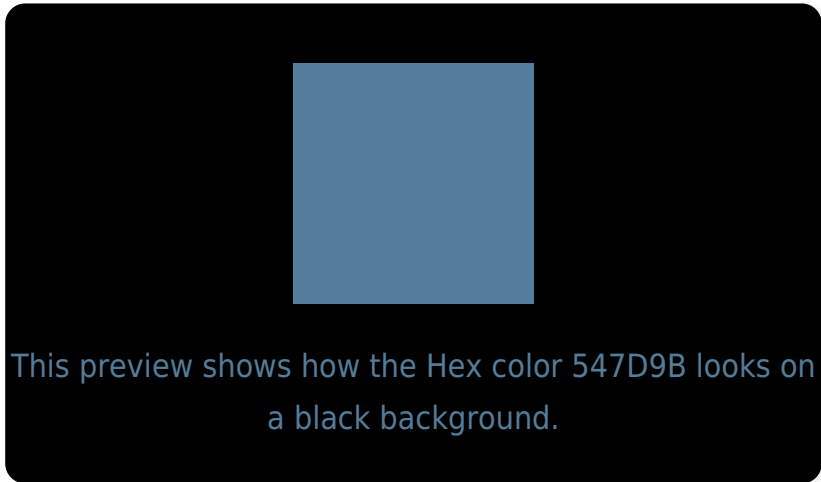
Large Text (above 18pt) WCAG AA ✓ Pass

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

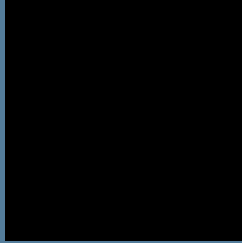
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

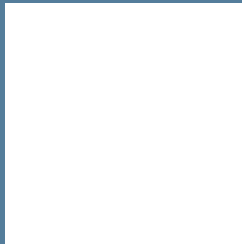
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 547D9B Background



This preview shows how black text looks on a background with the Hex color 547D9B.



This preview shows how white text looks on a background with the Hex color 547D9B.

# 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](#).

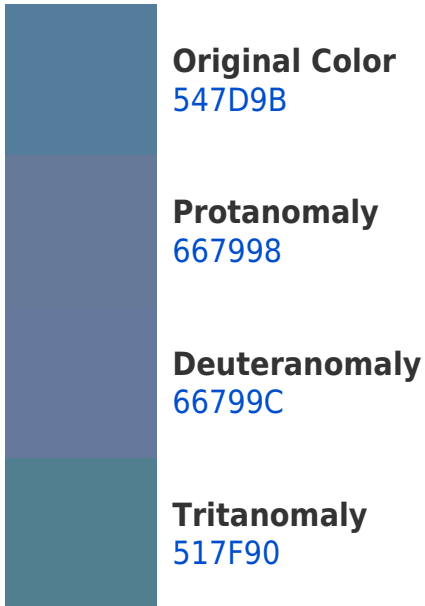
## Dichromacy





**Tritanopia**  
4F808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 547D9B 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 #547D9B looks like.

```
.text, #text, p{  
    color:#547D9B  
}
```

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 #547D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #547D9B
}
```

## Border

The CSS property to change the border of an element to Hex 547D9B 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
#547D9B }
```

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

```
.border{ border-color:#547D9B }
```

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

Here you see how a box with a 4 pixel #547D9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #547D9B; -webkit-box-shadow:4px 4px  
4px 4px #547D9B; box-shadow:4px 4px 4px  
4px #547D9B }
```

# Background

The CSS property to change the background color of an element to Hex 547D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#547D9B }
```

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

```
.background{ background-color:#547D9B }
```

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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