

# Converting Colors

Hex(5B497A)

Have a look what the booklet for  
Hex(5B497A) contains.

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# Color

**Hex(5B497A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B497A
RGB	91, 73, 122
RGB Percent	36%, 29%, 48%
CMY	0.6431, 0.7137, 0.5216
CMYK	0.25, 0.40, 0.00, 0.52
HSL	262°, 25%, 38%
HSV	262°, 40%, 48%
XYZ	10.2098, 8.3944, 19.4945
YIQ	83.9680, -5.0010, 19.0550

# Conversions

## Conversions Part 2

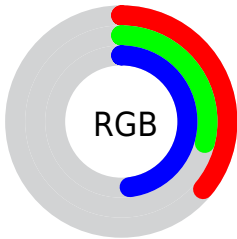
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 73, 122
Decimal	5982586
CIELab	34.79, 18.75, -25.15
CIELCh	35, 31.375, 306.710
Yxy	8.3944, 0.2680, 0.2203
Android (android.graphics.Color)	4284172666 (0xFF5B497A)
YUV	83.9680, 18.7498, 6.1671
Hunter-Lab	28.9730, 12.1986, -19.6121

# Details

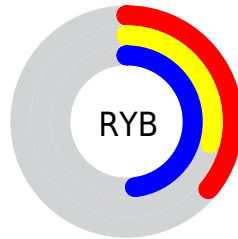
The Hex color **5B497A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **687A49**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8E7AAF**, and **2B1D49** is the 20% darker color. If you saturate the color by 10%, you get **533D7A**, and if you desaturate by 10%, it is **63557A**.

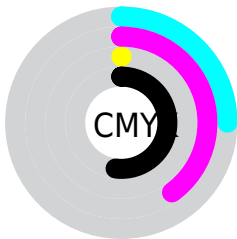
# Distribution



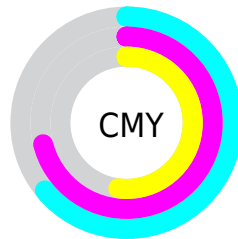
- Red (36%)
- Green (29%)
- Blue (48%)



- Red (36%)
- Yellow (29%)
- Blue (48%)



- Cyan (25%)
- Magenta (40%)
- Yellow (0%)
- Black (52%)



- Cyan (64%)
- Magenta (71%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B497A 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 5B497A by changing the saturation by 10% instead.



■ 5B497A

■ 5B497A

FFFFFF

■ 433261

■ 8E7AAF

■ 2B1D49

■ A994CA

■ 160632

■ C5AEE6

■ 00021D

■ E1CAFF

■ 000000

■ FEE6FF

■ 5B497A

■ 5B497A

■ 533D7A

■ 63557A

■ 4C317A

■ 6A617A

44247A

726E7A

3C187A

7A7A7A

340C7A

82867A

2D007A

89927A

919E7A

99AB7A

A0B77A

# Harmonies

## Analogous

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



305383



5B497A



754066

# Triad

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



5B497A



704924



005E57

# Complementary

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



5B497A



687A49

# 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.



1C5D3D



5B497A



5B521E

# Square

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



5B497A



7E4135



415928



005D6F

# Rectangle

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



5B497A



7E3D56



415928



005E4E



# Sweetspot

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



5B497A



928B9E



49687A



48444F



CFCFCF



4F4F4F



# Same Dimension

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



5B497A



6E529E



73497A



39373D



2E007D



5D00FC



# Inverse Universe

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



7A4968



9E5282



507A49



3D373B



7D004F



FC00A0



# Previews

## White Background



This preview shows how the Hex color 5B497A looks on a white background.

## Color Contrast Check

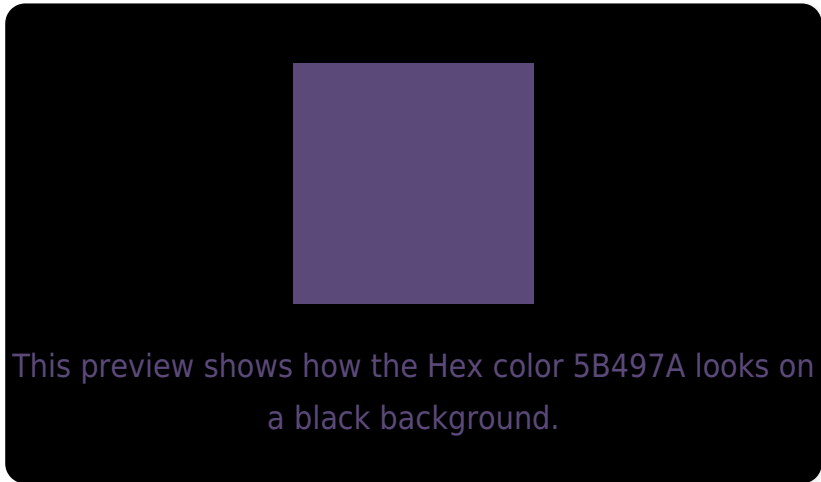
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

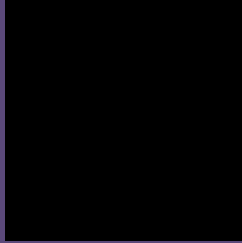
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B497A Background



This preview shows how black text looks on a background with the Hex color 5B497A.



This preview shows how white text looks on a background with the Hex color 5B497A.

# 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



**Original Color**  
5B497A

**Protanopia**  
405080

**Deuteranopia**  
425178



**Tritanopia**  
555157

# Trichromacy



**Original Color**  
5B497A

**Protanomaly**  
4A4D7E

**Deuteranomaly**  
4B4E79

**Tritanomaly**  
574E64

# Monochromacy



**Original Color**  
5B497A

**Achromatopsia**  
545454

**Achromatomaly**  
575062

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B497A 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 #5B497A looks like.

```
.text, #text, p{  
    color:#5B497A  
}
```

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 #5B497A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B497A
}
```

## Border

The CSS property to change the border of an element to Hex 5B497A is called "border". The border property can be set on classes, ids or directly on the HTML element.

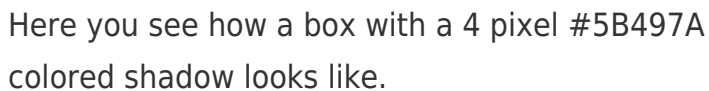
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B497A }
```

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

```
.border{ border-color:#5B497A }
```

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



Here you see how a box with a 4 pixel #5B497A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B497A; -webkit-box-shadow:4px 4px  
4px 4px #5B497A; box-shadow:4px 4px 4px  
4px #5B497A }
```

# Background

The CSS property to change the background color of an element to Hex 5B497A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B497A }
```

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

```
.background{ background-color:#5B497A }
```

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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