

# Converting Colors

Hex(585B9B)

Have a look what the booklet for  
Hex(585B9B) contains.

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# Color

Hex(585B9B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	585B9B
RGB	88, 91, 155
RGB Percent	35%, 36%, 61%
CMY	0.6549, 0.6431, 0.3922
CMYK	0.43, 0.41, 0.00, 0.39
HSL	237°, 28%, 48%
HSV	237°, 43%, 61%
XYZ	13.6820, 11.9234, 32.5907
YIQ	97.3990, -22.3320, 19.2680

# Conversions

## Conversions Part 2

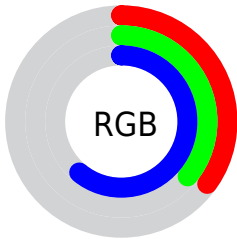
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 91, 155
Decimal	5790619
CIE <sub>Lab</sub>	41.09, 15.95, -35.35
CIE <sub>LCh</sub>	41, 38.778, 294.284
Yxy	11.9234, 0.2351, 0.2049
Android (android.graphics.Color)	4283980699 (0xFF585B9B)
YUV	97.3990, 28.3973, -8.2429
Hunter-Lab	34.5303, 10.2991, -31.7883

# Details

The Hex color **585B9B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9B9858**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8D8DD2**, and **242E67** is the 20% darker color. If you saturate the color by 10%, you get **494C9B**, and if you desaturate by 10%, it is **676A9B**.

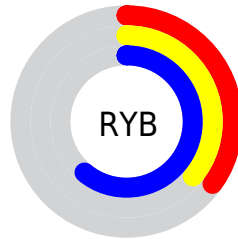
# Distribution



Red (35%)

Green (36%)

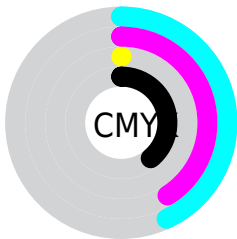
Blue (61%)



Red (35%)

Yellow (36%)

Blue (61%)

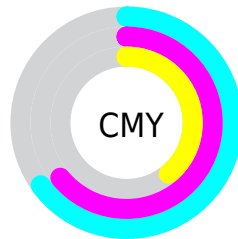


Cyan (43%)

Magenta (41%)

Yellow (0%)

Black (39%)



Cyan (65%)

Magenta (64%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 585B9B 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 585B9B by changing the saturation by 10% instead.



■ 585B9B

■ 585B9B

FFFFFF

■ 3E4481

■ 8D8DD2

■ 242E67

■ A8A7EE

■ 02194F

■ C4C3FF

■ 000038

■ E1DEFF

■ 000221

■ FEFBFF

■ 000007

■ 000000

■ 585B9B

■ 585B9B

■ 494C9B

■ 676A9B

■ 393D9B

■ 77799B

■ 2A2F9B

■ 87879B

■ 1A209B

■ 96969B

■ 0B119B

■ A6A59B

■ 00079B

■ B5B49B

■ C4C39B

■ D4D19B

■ E3E09B

# Harmonies

## Analogous

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



0066A0



585B9B



824E86

# Triad

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



585B9B



8F512E



00705A

# Complementary

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



585B9B



9B9858

# 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.



316D3A



585B9B



785D1E

# Square

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



585B9B



9B4749



596723



00707A

# Rectangle

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



585B9B



934773



596723



006F4F



# Sweetspot

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



585B9B



AFB0C9



589B98



565666



E6E6E6



666666



# Same Dimension

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



585B9B



6165C9



76589B



45454D



00068C



00010D



# Inverse Universe

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



9B585B



C96165



7D9B58



4D4545



8C0006



0D0001



# Previews

## White Background



This preview shows how the Hex color 585B9B looks on a white background.

## Color Contrast Check

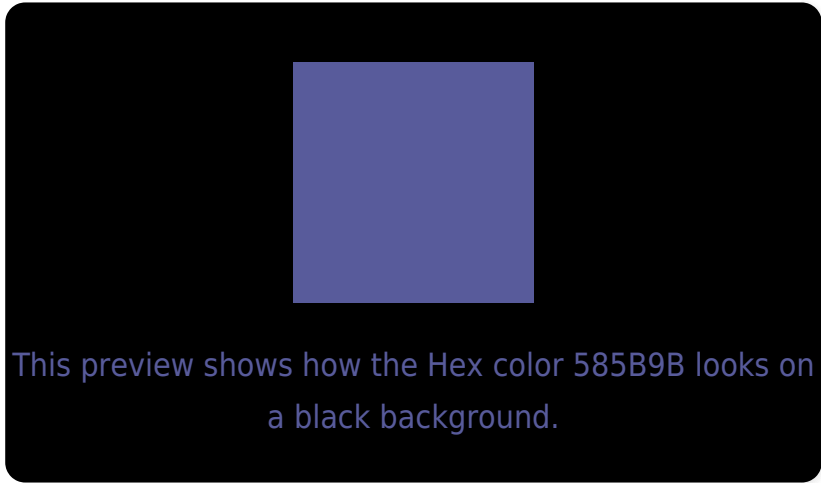
Large Text (above 18pt) WCAG AA ✓ Pass

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

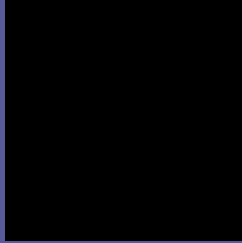
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 585B9B Background



This preview shows how black text looks on a background with the Hex color 585B9B.



This preview shows how white text looks on a background with the Hex color 585B9B.

# 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**  
585B9B

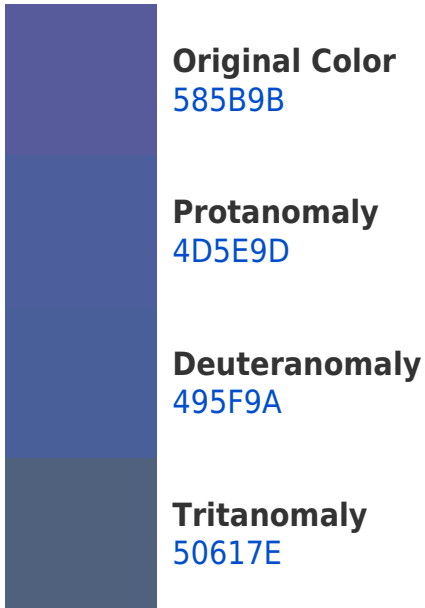
**Protanopia**  
475F9E

**Deuteranopia**  
41619A



**Tritanopia**  
4C656D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 585B9B 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 #585B9B looks like.

```
.text, #text, p{  
    color:#585B9B  
}
```

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 #585B9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585B9B
}
```

## Border

The CSS property to change the border of an element to Hex 585B9B 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
#585B9B }
```

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

```
.border{ border-color:#585B9B }
```

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

Here you see how a box with a 4 pixel #585B9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585B9B; -webkit-box-shadow:4px 4px  
4px 4px #585B9B; box-shadow:4px 4px 4px  
4px #585B9B }
```

# Background

The CSS property to change the background color of an element to Hex 585B9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585B9B }
```

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

```
.background{ background-color:#585B9B }
```

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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