

# Converting Colors

Hex(597EC1)

Have a look what the booklet for  
Hex(597EC1) contains.

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# Color

Hex(597EC1)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	597EC1
RGB	89, 126, 193
RGB Percent	35%, 49%, 76%
CMY	0.6510, 0.5059, 0.2431
CMYK	0.54, 0.35, 0.00, 0.24
HSL	219°, 46%, 55%
HSV	219°, 54%, 76%
XYZ	21.2063, 20.8958, 53.3677
YIQ	122.5750, -43.5590, 12.9930

# Conversions

## Conversions Part 2

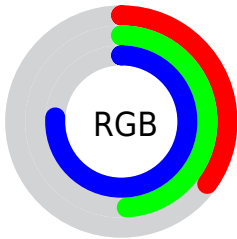
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 116, 193
Decimal	5865153
CIE <sub>Lab</sub>	52.84, 6.55, -39.01
CIE <sub>LCh</sub>	53, 39.555, 279.538
Yxy	20.8958, 0.2221, 0.2189
Android (android.graphics.Color)	4284055233 (0xFF597EC1)
YUV	122.5750, 34.7195, -29.4453
Hunter-Lab	45.7119, 2.8124, -37.2214

# Details

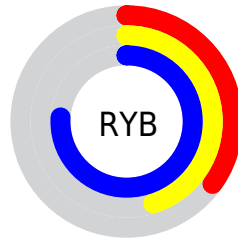
The Hex color **597EC1** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **C19C59**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **91B2FA**, and **1A4D8B** is the 20% darker color. If you saturate the color by 10%, you get **4672C1**, and if you desaturate by 10%, it is **6C8AC1**.

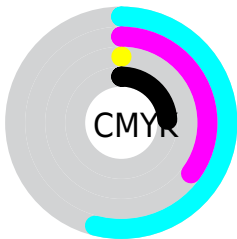
# Distribution



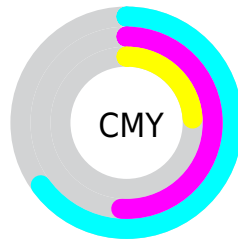
- Red (35%)
- Green (49%)
- Blue (76%)



- Red (35%)
- Yellow (45%)
- Blue (76%)



- Cyan (54%)
- Magenta (35%)
- Yellow (0%)
- Black (24%)



- Cyan (65%)
- Magenta (51%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 597EC1 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 597EC1 by changing the saturation by 10% instead.



■ 597EC1

■ 597EC1

FFFFFF

■ 3C65A6

■ 91B2FA

■ 1A4D8B

■ ADCEFF

■ 003771

■ CAEAFF

■ 002258

■ E7FFFF

■ 000C41

■ 00032A

■ 000114

■ 000000

■ 597EC1

■ 597EC1

■ 4672C1

■ 6C8AC1

■ 3265C1

■ 8097C1

■ 1F59C1

■ 93A3C1

■ 0C4CC1

■ A6B0C1

■ 0045C1

■ BABCC1

■ CDC9C1

■ E0D5C1

■ F3E1C1

■ FFEEC1

# Harmonies

## Analogous

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



0088BD



597EC1



8F71B3

# Triad

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



597EC1



B96855



328E65

# Complementary

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



597EC1



C19C59

# 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.



638948



597EC1



A6743E

# Square

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



597EC1



BE6274



888039



009088

# Rectangle

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



597EC1



A869A1



888039



458C5A



# Sweetspot

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



597EC1



D2E0FA



59C19B



656E7D



FCFCFC



7D7D7D

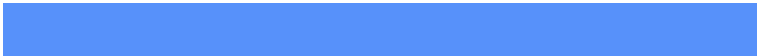


# Same Dimension

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



597EC1



5791FA



6759C1



575B61



0039A1



000C21



# Inverse Universe

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



C1597E



FA5791



B3C159



61575B



A10039



21000C



# Previews

## White Background



This preview shows how the Hex color 597EC1 looks on a white background.

## Color Contrast Check

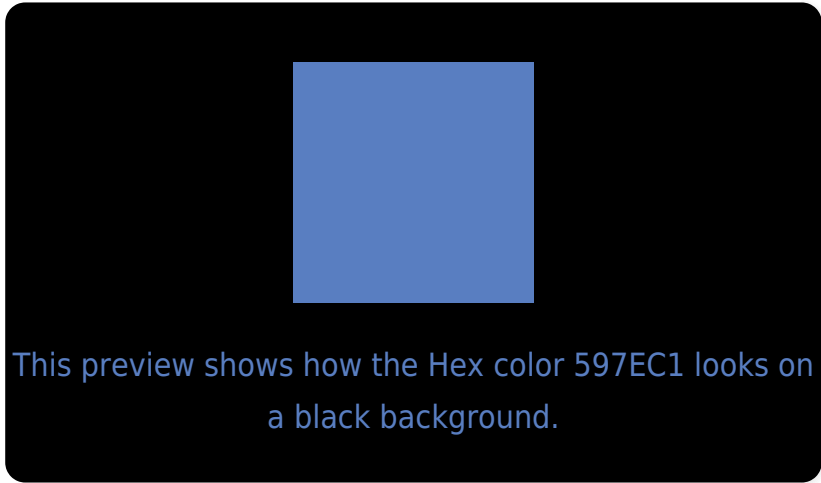
Large Text (above 18pt) WCAG AA ✓ Pass

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

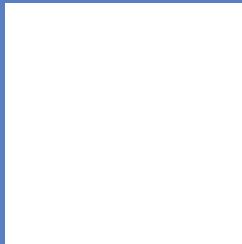
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 597EC1 Background



This preview shows how black text looks on a background with the Hex color 597EC1.

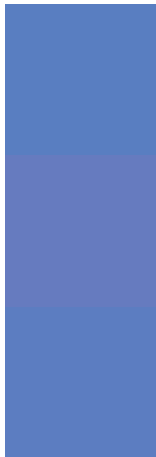


This preview shows how white text looks on a background with the Hex color 597EC1.

# 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**  
597EC1

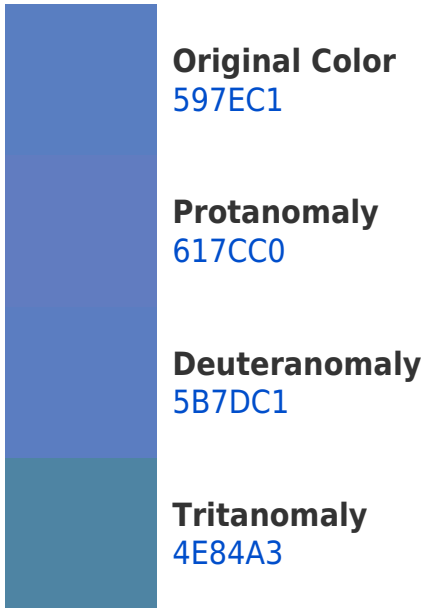
**Protanopia**  
667BBF

**Deuteranopia**  
5C7DC1

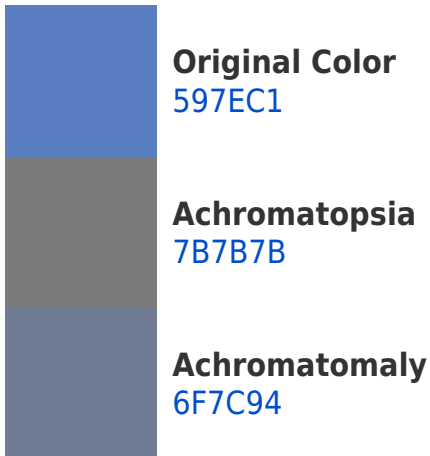


**Tritanopia**  
488792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 597EC1 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 #597EC1 looks like.

```
.text, #text, p{  
    color:#597EC1  
}
```

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 #597EC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #597EC1
}
```

## Border

The CSS property to change the border of an element to Hex 597EC1 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
#597EC1 }
```

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

```
.border{ border-color:#597EC1 }
```

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

Here you see how a box with a 4 pixel #597EC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #597EC1; -webkit-box-shadow:4px 4px  
4px 4px #597EC1; box-shadow:4px 4px 4px  
4px #597EC1 }
```

# Background

The CSS property to change the background color of an element to Hex 597EC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#597EC1 }
```

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

```
.background{ background-color:#597EC1 }
```

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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