

Converting Colors

Hex(5D97BF)

Have a look what the booklet for
Hex(5D97BF) contains.

Hex(5D97BF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D97BF)

Conversions

Conversions Part 1

Format	Color
Hex	5D97BF
RGB	93, 151, 191
RGB Percent	36%, 59%, 75%
CMY	0.6353, 0.4078, 0.2510
CMYK	0.51, 0.21, 0.00, 0.25
HSL	204°, 43%, 56%
HSV	204°, 51%, 75%
XYZ	24.9848, 28.2220, 53.4208
YIQ	138.2180, -47.4080, 0.1440

Conversions

Conversions Part 2

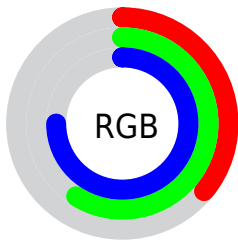
Format	Color
R_{YB}	93, 129, 191
Decimal	6133695
CIE _{Lab}	60.09, -7.67, -26.55
CIE _{LCh}	60, 27.641, 253.880
Yxy	28.2220, 0.2343, 0.2647
Android (android.graphics.Color)	4284323775 (0xFF5D97BF)
YUV	138.2180, 26.0215, -39.6562
Hunter-Lab	53.1243, -9.0177, -22.4338

Details

The Hex color **5D97BF** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BF855D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **95CDF7**, and **216489** is the 20% darker color. If you saturate the color by 10%, you get **4A8FBF**, and if you desaturate by 10%, it is **709FBF**.

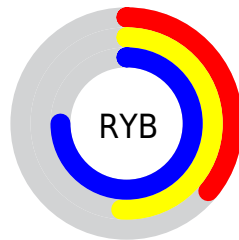
Distribution



Red (36%)

Green (59%)

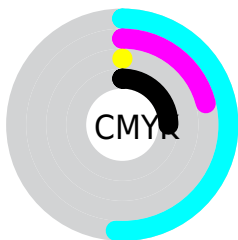
Blue (75%)



Red (36%)

Yellow (51%)

Blue (75%)

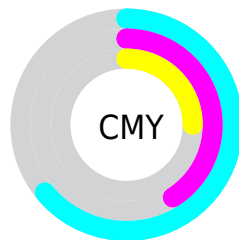


Cyan (51%)

Magenta (21%)

Yellow (0%)

Black (25%)



Cyan (64%)

Magenta (41%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D97BF 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 5D97BF by changing the saturation by 10% instead.

■ 5D97BF

■ 5D97BF

FFFFFF

■ 417DA4

■ 95CDF7

■ 216489

■ B1E9FF

■ 004C70

■ CEFFFF

■ 003657

■ EBFFFF

■ 002140

■ 00042A

■ 000114

■ 000000

■ 5D97BF

■ 5D97BF

■ 4A8FBF

■ 709FBF

■ 3787BF

■ 83A7BF

■ 2480BF

■ 96AEBF

■ 1178BF

■ A9B6BF

■ 0071BF

■ BDBEBF

■ D0C6BF

■ E3CEBF

■ F6D5BF

■ FFDDBF

Harmonies

Analogous

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



439CB2



5D97BF



828FC0

Triad

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



5D97BF



C17F86



7B996D

Complementary

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



5D97BF



BF855D

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.



969361



5D97BF



BD8370

Square

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



5D97BF



B9809F



AD8B62



5E9D83

Rectangle

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



5D97BF



9889B9



AD8B62



849768

Sweetspot

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



5D97BF



D2E8F7



5DBF84



66747D



FCFCFC



7D7D7D

Same Dimension

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



5D97BF



5EB9F7



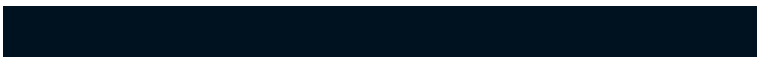
5D67BF



555A5E



005E9E



00121F

Inverse Universe

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



BF5D97



F75EB9



BFB55D



5E555A



9E005E



1F0012

Previews

White Background



This preview shows how the Hex color 5D97BF looks on a white background.

Color Contrast Check

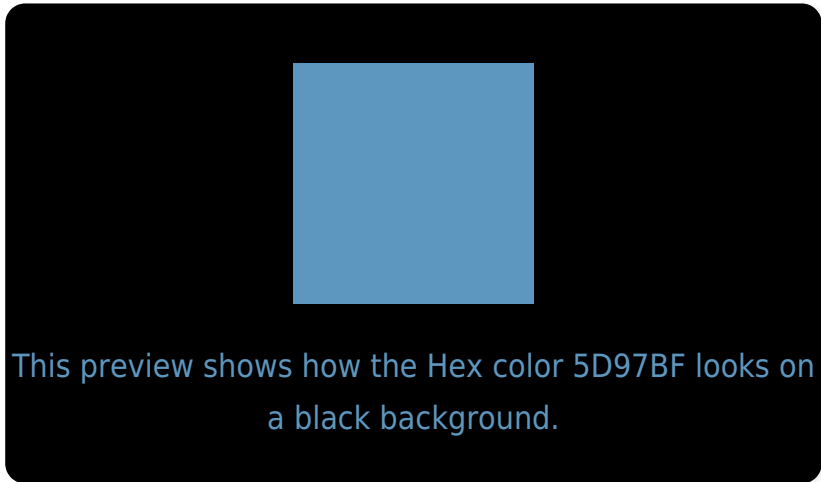
Large Text (above 18pt) WCAG AA ✓ Pass

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

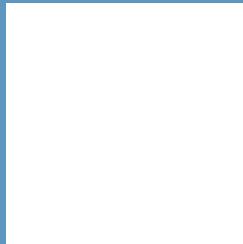
Any Text WCAG AAA × Fail

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

Hex 5D97BF Background



This preview shows how black text looks on a background with the Hex color 5D97BF.

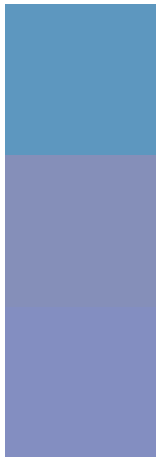


This preview shows how white text looks on a background with the Hex color 5D97BF.

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](#).

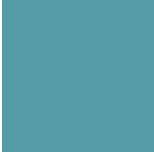
Dichromacy



Original Color
5D97BF

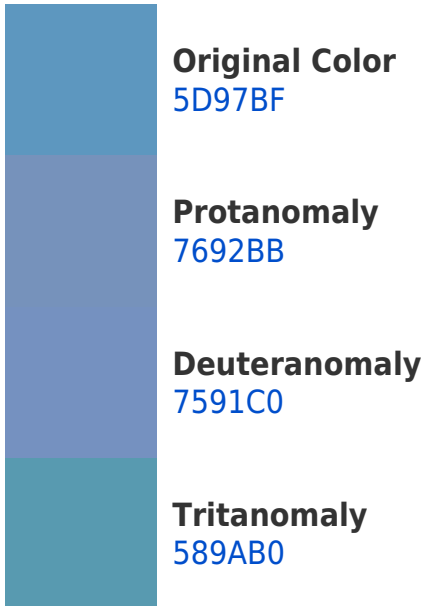
Protanopia
858FB9

Deuteranopia
838EC1

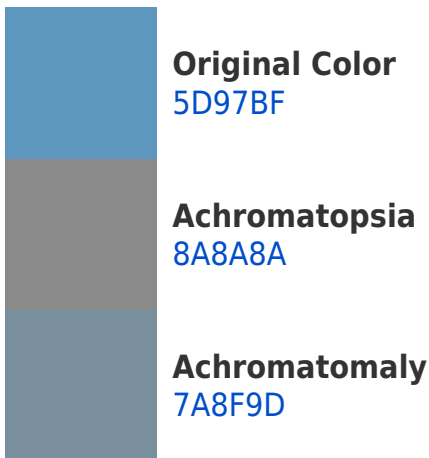


Tritanopia
559BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D97BF 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 #5D97BF looks like.

```
.text, #text, p{  
    color:#5D97BF  
}
```

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 #5D97BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D97BF
}
```

Border

The CSS property to change the border of an element to Hex 5D97BF 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
#5D97BF }
```

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

```
.border{ border-color:#5D97BF }
```

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

Here you see how a box with a 4 pixel #5D97BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D97BF; -webkit-box-shadow:4px 4px  
4px 4px #5D97BF; box-shadow:4px 4px 4px  
4px #5D97BF }
```

Background

The CSS property to change the background color of an element to Hex 5D97BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D97BF }
```

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

```
.background{ background-color:#5D97BF }
```

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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