

# Converting Colors

Hex(5990BF)

Have a look what the booklet for  
Hex(5990BF) contains.

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# Color

Hex(5990BF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5990BF
RGB	89, 144, 191
RGB Percent	35%, 56%, 75%
CMY	0.6510, 0.4353, 0.2510
CMYK	0.53, 0.25, 0.00, 0.25
HSL	208°, 44%, 55%
HSV	208°, 53%, 75%
XYZ	23.4971, 25.8320, 53.0379
YIQ	132.9130, -47.8670, 2.9570

# Conversions

## Conversions Part 2

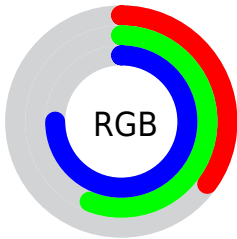
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 125, 191
Decimal	5869759
CIE <sub>Lab</sub>	57.88, -4.63, -29.99
CIE <sub>LCh</sub>	58, 30.345, 261.224
Yxy	25.8320, 0.2295, 0.2523
Android (android.graphics.Color)	4284059839 (0xFF5990BF)
YUV	132.9130, 28.6369, -38.5117
Hunter-Lab	50.8251, -6.4214, -26.2936

# Details

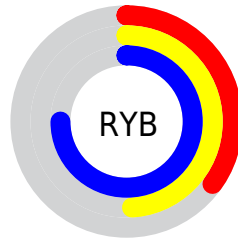
The Hex color **5990BF** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BF8859**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **91C6F8**, and **1A5E89** is the 20% darker color. If you saturate the color by 10%, you get **4687BF**, and if you desaturate by 10%, it is **6C99BF**.

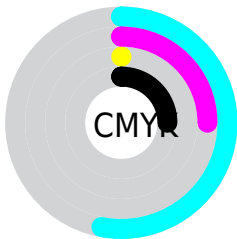
# Distribution



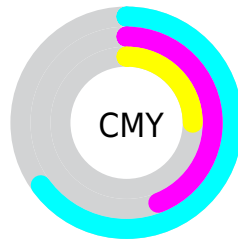
- Red (35%)
- Green (56%)
- Blue (75%)



- Red (35%)
- Yellow (49%)
- Blue (75%)



- Cyan (53%)
- Magenta (25%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (44%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5990BF 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 5990BF by changing the saturation by 10% instead.



■ 5990BF

■ 5990BF

FFFFFF

■ 3C76A4

■ 91C6F8

■ 1A5E89

■ ADE2FF

■ 004670

■ CAFEFF

■ 003057

■ E7FFFF

■ 001C3F

■ 000329

■ 000113

■ 000000

■ 5990BF

■ 5990BF

■ 4687BF

■ 6C99BF

■ 337EBF

■ 7FA2BF

■ 2076BF

■ 92AABF

■ 0D6DBF

■ A5B3BF

■ 0067BF

■ B9BCBF

■ CCC5BF

■ DFCEBF

■ F2D6BF

■ FFDFBF

# Harmonies

## Analogous

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



3196B4



5990BF



8387BC

# Triad

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



5990BF



BF7879



6B9669

# Complementary

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



5990BF



BF8859

# 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.



8A8F59



5990BF



B77E63

# Square

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



5990BF



BA7794



A48757



4A9982

# Rectangle

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



5990BF



9B81B3



A48757



769462

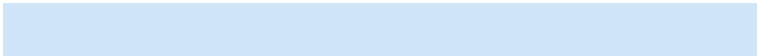


# Sweetspot

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



5990BF



D0E5F7



59BF87



65727D



FCFCFC



7D7D7D



# Same Dimension

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



5990BF



59AEF7



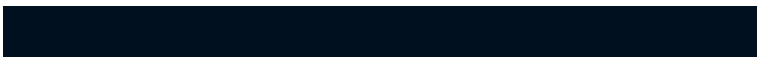
595EBF



555A5E



00559E



00101F



# Inverse Universe

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



BF5990



F759AE



BFBA59



5E555A



9E0055



1F0010



# Previews

## White Background



This preview shows how the Hex color 5990BF looks on a white background.

## Color Contrast Check

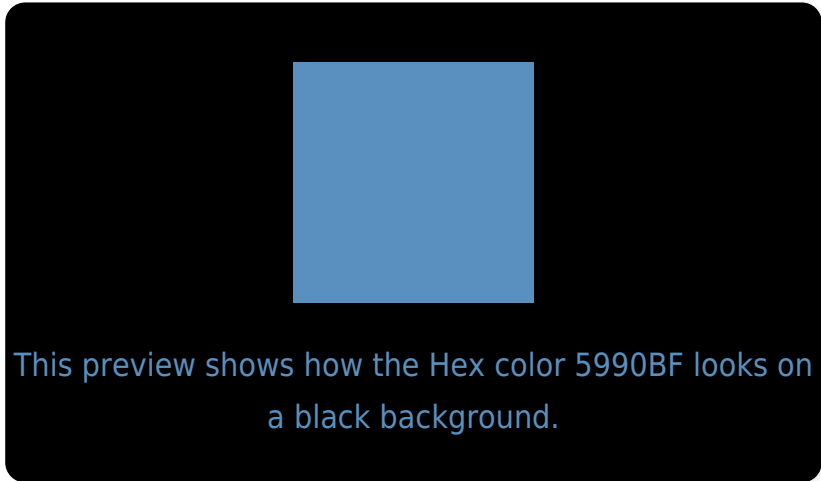
Large Text (above 18pt) WCAG AA ✓ Pass

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

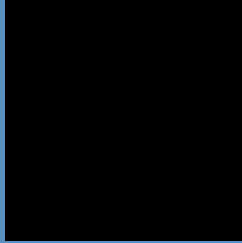
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

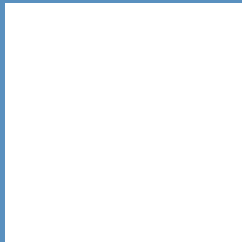
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5990BF Background



This preview shows how black text looks on a background with the Hex color 5990BF.



This preview shows how white text looks on a background with the Hex color 5990BF.

# 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](#).

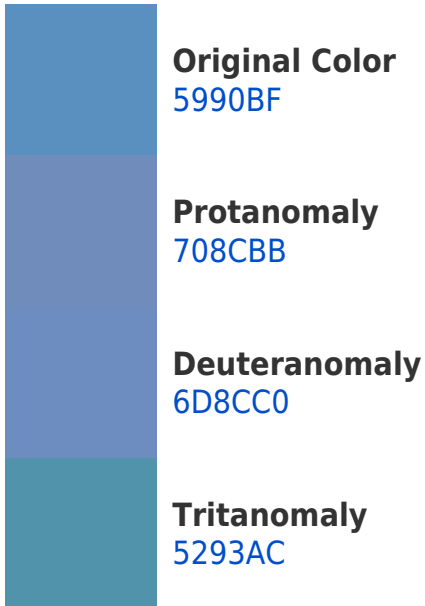
## Dichromacy





**Tritanopia**  
4E95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5990BF 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 #5990BF looks like.

```
.text, #text, p{  
    color:#5990BF  
}
```

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 #5990BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5990BF  
}
```

## Border

The CSS property to change the border of an element to Hex 5990BF 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  
#5990BF }
```

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

```
.border{ border-color:#5990BF }
```

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

Here you see how a box with a 4 pixel #5990BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5990BF; -webkit-box-shadow:4px 4px  
4px 4px #5990BF; box-shadow:4px 4px 4px  
4px #5990BF }
```

# Background

The CSS property to change the background color of an element to Hex 5990BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5990BF }
```

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

```
.background{ background-color:#5990BF }
```

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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