

# Converting Colors

Hex(5596BB)

Have a look what the booklet for  
Hex(5596BB) contains.

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**Color**

**Hex(5596BB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5596BB
RGB	85, 150, 187
RGB Percent	33%, 59%, 73%
CMY	0.6667, 0.4118, 0.2667
CMYK	0.55, 0.20, 0.00, 0.27
HSL	202°, 43%, 53%
HSV	202°, 55%, 73%
XYZ	23.6223, 27.3318, 51.0443
YIQ	134.7830, -50.6170, -2.2730

# Conversions

## Conversions Part 2

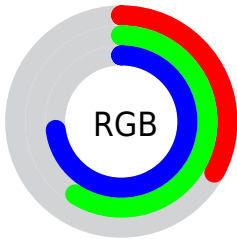
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 125, 187
Decimal	5609147
CIE <sub>Lab</sub>	59.28, -10.12, -25.57
CIE <sub>LCh</sub>	59, 27.503, 248.408
Yxy	27.3318, 0.2316, 0.2680
Android (android.graphics.Color)	4283799227 (0xFF5596BB)
YUV	134.7830, 25.7430, -43.6597
Hunter-Lab	52.2799, -10.8358, -21.2928

# Details

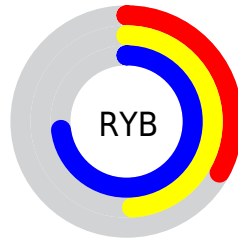
The Hex color **5596BB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BB7A55**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8DCCF3**, and **136386** is the 20% darker color. If you saturate the color by 10%, you get **428FBB**, and if you desaturate by 10%, it is **689DBB**.

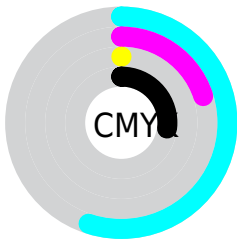
# Distribution



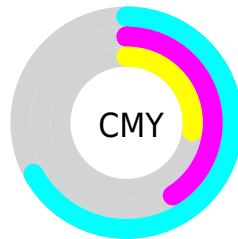
- Red (33%)
- Green (59%)
- Blue (73%)



- Red (33%)
- Yellow (49%)
- Blue (73%)



- Cyan (55%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)



- Cyan (67%)
- Magenta (41%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5596BB 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 5596BB by changing the saturation by 10% instead.



■ 5596BB

■ 5596BB

FFFFFF

■ 387CA0

■ 8DCCF3

■ 136386

■ AAE8FF

■ 004B6C

■ C6FFFF

■ 003554

■ E4FFFF

■ 00203C

■ 000327

■ 000110

■ 000000

■ 5596BB

■ 5596BB

■ 428FBB

■ 689DBB

■ 3088BB

■ 7AA4BB

■ 1D82BB

■ 8DAABB

■ 0A7BBB

■ A0B1BB

■ 0077BB

■ B3B8BB

■ C5BFBB

■ D8C5BB

■ EBCCBB

■ FDD3BB

# Harmonies

## Analogous

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



3F9BAC



5596BB



798FBE

# Triad

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



5596BB



BE7D89



7E9668

# Complementary

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



5596BB



BB7A55

# 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.



998F5F



5596BB



BC8072

# Square

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



5596BB



B37FA1



AF8762



629B7C

# Rectangle

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



5596BB



9089B9



AF8762



879464



# Sweetspot

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



5596BB



CBE4F2



55BB79



63727A



FAFAFA



7A7A7A



# Same Dimension

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



5596BB



55B9F2



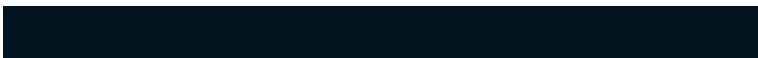
5564BB



555B5E



00659E



00131F



# Inverse Universe

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



BB5596



F255B9



BBAC55



5E555B



9E0065



1F0013



# Previews

## White Background



This preview shows how the Hex color 5596BB looks on a white background.

## Color Contrast Check

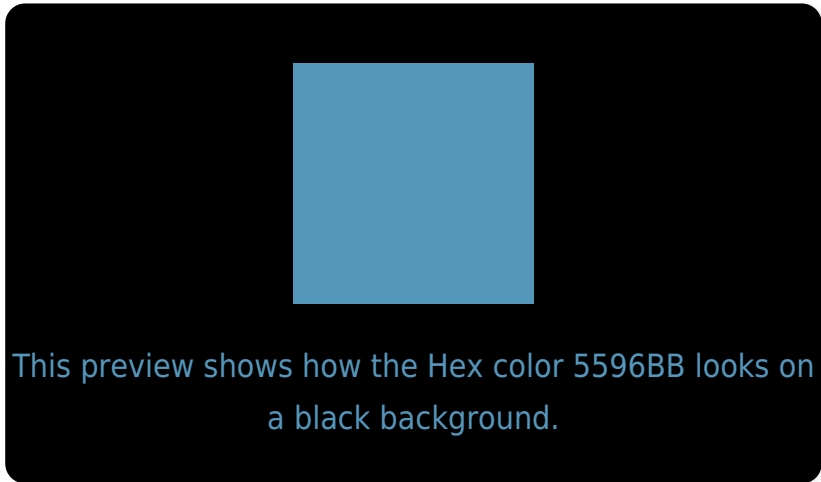
Large Text (above 18pt) WCAG AA ✓ Pass

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

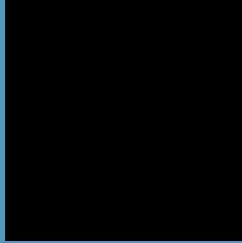
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5596BB Background



This preview shows how black text looks on a background with the Hex color 5596BB.

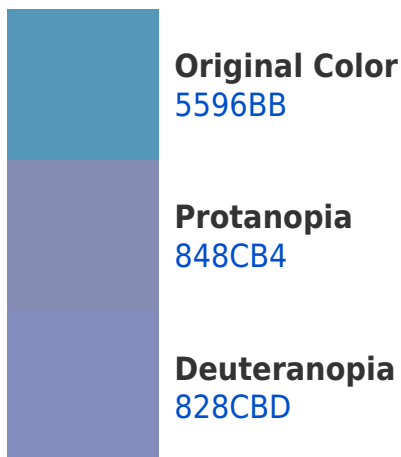


This preview shows how white text looks on a background with the Hex color 5596BB.

# 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](#).

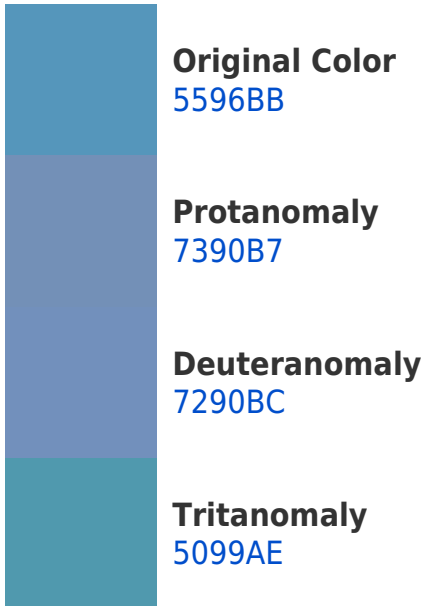
## Dichromacy



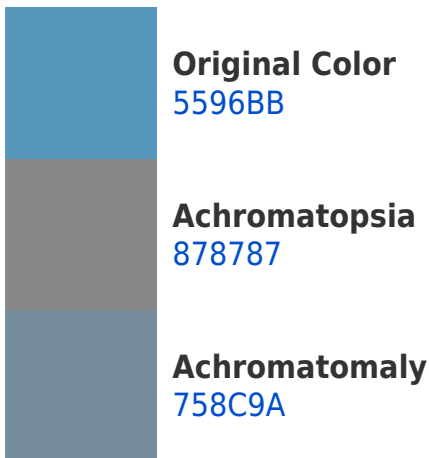


**Tritanopia**  
4D9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5596BB 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 #5596BB looks like.

```
.text, #text, p{  
    color:#5596BB  
}
```

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 #5596BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5596BB  
}
```

## Border

The CSS property to change the border of an element to Hex 5596BB 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  
#5596BB }
```

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

```
.border{ border-color:#5596BB }
```

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

Here you see how a box with a 4 pixel #5596BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5596BB; -webkit-box-shadow:4px 4px  
4px 4px #5596BB; box-shadow:4px 4px 4px  
4px #5596BB }
```

# Background

The CSS property to change the background color of an element to Hex 5596BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5596BB }
```

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

```
.background{ background-color:#5596BB }
```

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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