

# Converting Colors

Hex(5779BB)

Have a look what the booklet for  
Hex(5779BB) contains.

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# Color

Hex(5779BB)

# Conversions

## Conversions Part 1

Format	Color
Hex	5779BB
RGB	87, 121, 187
RGB Percent	34%, 47%, 73%
CMY	0.6588, 0.5255, 0.2667
CMYK	0.53, 0.35, 0.00, 0.27
HSL	220°, 42%, 54%
HSV	220°, 53%, 73%
XYZ	19.7375, 19.2888, 49.6965
YIQ	118.3580, -41.4500, 13.3180

# Conversions

## Conversions Part 2

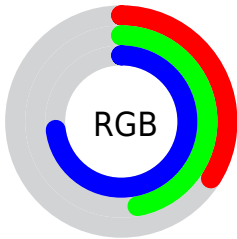
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	87, 112, 187
Decimal	5732795
CIE Lab	51.02, 7.19, -38.43
CIE LCh	51, 39.097, 280.603
Yxy	19.2888, 0.2225, 0.2174
Android (android.graphics.Color)	4283922875 (0xFF5779BB)
YUV	118.3580, 33.8405, -27.5010
Hunter-Lab	43.9191, 3.3606, -36.3462

# Details

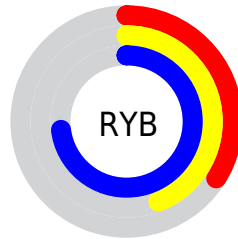
The Hex color **5779BB** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BB9957**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8FADF4**, and **194985** is the 20% darker color. If you saturate the color by 10%, you get **446DBB**, and if you desaturate by 10%, it is **6A85BB**.

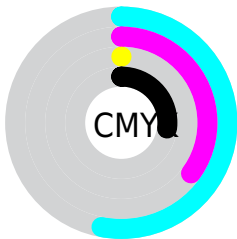
# Distribution



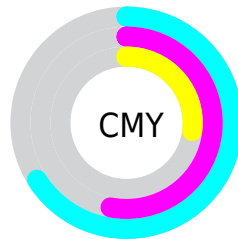
- Red (34%)
- Green (47%)
- Blue (73%)



- Red (34%)
- Yellow (44%)
- Blue (73%)



- Cyan (53%)
- Magenta (35%)
- Yellow (0%)
- Black (27%)



- Cyan (66%)
- Magenta (53%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5779BB 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 5779BB by changing the saturation by 10% instead.



■ 5779BB

■ 5779BB

FFFFFF

■ 3A60A0

■ 8FADF4

■ 194985

■ ABC8FF

■ 00336C

■ C8E4FF

■ 001E53

■ E5FFFF

■ 00043C

■ 000225

■ 00010E

■ 000000

■ 5779BB

■ 5779BB

■ 446DBB

■ 6A85BB

■ 3260BB

■ 7C92BB

■ 1F54BB

■ 8F9EBB

■ 0C48BB

■ A2AABB

■ 0040BB

■ B5B7BB

■ C7C3BB

■ DACFBB

■ EDDCBB

■ FFE8BB

# Harmonies

## Analogous

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



0083B8



5779BB



8C6CAC

# Triad

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



5779BB



B36450



2B8962

# Complementary

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



5779BB



BB9957

# 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.



5E8445



5779BB



9F703A

# Square

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



5779BB



B85D6F



827B35



008B85

# Rectangle

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



5779BB



A3649B



827B35



408857



# Sweetspot

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



5779BB



CBD9F2



57BB98



636B7A



FAFAFA



7A7A7A



# Same Dimension

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



5779BB



578CF2



6657BB



55585E



00369E



000A1F



# Inverse Universe

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



BB5779



F2578C



ACBB57



5E5558



9E0036

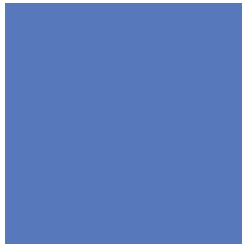


1F000A



# Previews

## White Background



This preview shows how the Hex color 5779BB looks on a white background.

## Color Contrast Check

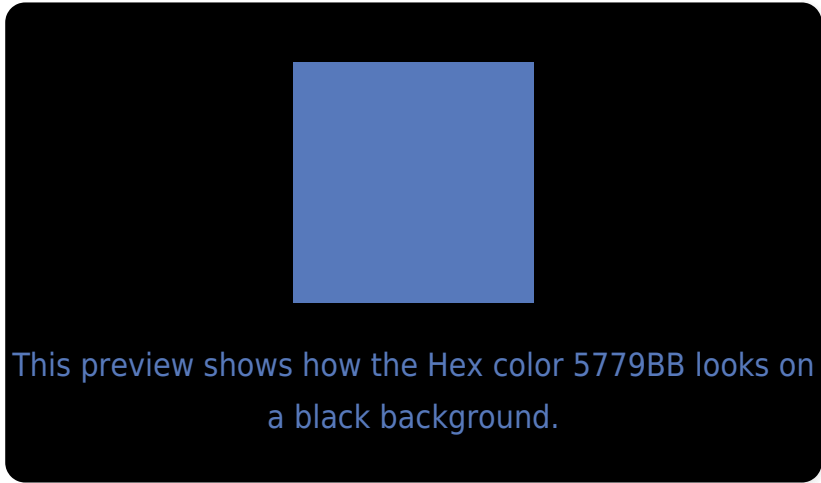
Large Text (above 18pt) WCAG AA ✓ Pass

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

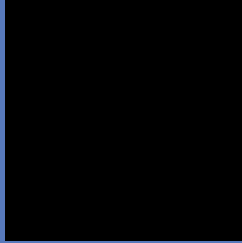
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

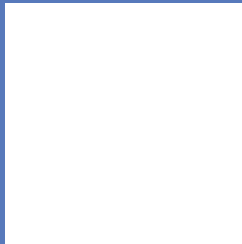
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5779BB Background



This preview shows how black text looks on a background with the Hex color 5779BB.

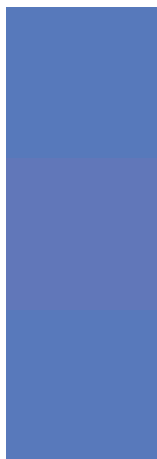


This preview shows how white text looks on a background with the Hex color 5779BB.

# 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**  
5779BB

**Protanopia**  
6177B9

**Deuteranopia**  
5879BB



**Tritanopia**  
47828D

# Trichromacy



**Original Color**  
5779BB

**Protanomaly**  
5D78BA

**Deuteranomaly**  
5879BB

**Tritanomaly**  
4D7F9E

# Monochromacy



**Original Color**  
5779BB

**Achromatopsia**  
767676

**Achromatomaly**  
6B778F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5779BB 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 #5779BB looks like.

```
.text, #text, p{  
    color:#5779BB  
}
```

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 #5779BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5779BB
}
```

## Border

The CSS property to change the border of an element to Hex 5779BB 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
#5779BB }
```

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

```
.border{ border-color:#5779BB }
```

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

Here you see how a box with a 4 pixel #5779BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5779BB; -webkit-box-shadow:4px 4px  
4px 4px #5779BB; box-shadow:4px 4px 4px  
4px #5779BB }
```

# Background

The CSS property to change the background color of an element to Hex 5779BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5779BB }
```

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

```
.background{ background-color:#5779BB }
```

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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