

# Converting Colors

Hex(6579BB)

Have a look what the booklet for  
Hex(6579BB) contains.

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# Color

**Hex(6579BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6579BB
RGB	101, 121, 187
RGB Percent	40%, 47%, 73%
CMY	0.6039, 0.5255, 0.2667
CMYK	0.46, 0.35, 0.00, 0.27
HSL	226°, 39%, 56%
HSV	226°, 46%, 73%
XYZ	21.1738, 20.0293, 49.7638
YIQ	122.5440, -33.1060, 16.2860

# Conversions

## Conversions Part 2

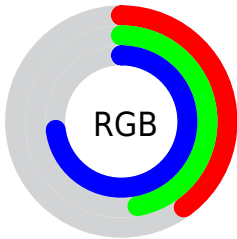
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 117, 187</a>
Decimal	<a href="#">6650299</a>
CIELab	<a href="#">51.87, 10.56, -37.04</a>
CIELCh	<a href="#">52, 38.515, 285.911</a>
Yxy	<a href="#">20.0293, 0.2328, 0.2202</a>
Android (android.graphics.Color)	<a href="#">4284840379 (0xFF6579BB)</a>
YUV	<a href="#">122.5440, 31.7768, -18.8941</a>
Hunter-Lab	<a href="#">44.7541, 6.1313, -34.5989</a>

# Details

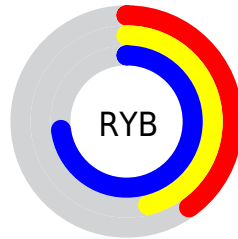
The Hex color **6579BB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BBA765**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9CADF4**, and **2E4985** is the 20% darker color. If you saturate the color by 10%, you get **526BBB**, and if you desaturate by 10%, it is **7887BB**.

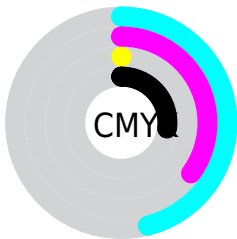
# Distribution



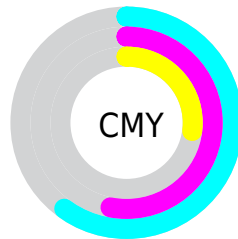
- Red (40%)
- Green (47%)
- Blue (73%)



- Red (40%)
- Yellow (46%)
- Blue (73%)



- Cyan (46%)
- Magenta (35%)
- Yellow (0%)
- Black (27%)



- Cyan (60%)
- Magenta (53%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6579BB 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 6579BB by changing the saturation by 10% instead.



■ 6579BB

■ 6579BB

FFFFFF

■ 4A60A0

■ 9CADF4

■ 2E4985

■ B8C8FF

■ 0A336C

■ D4E4FF

■ 001E53

■ F1FFFF

■ 00043C

■ 000225

■ 00010E

■ 000000

■ 6579BB

■ 6579BB

■ 526BBB

■ 7887BB

■ 405CBB

■ 8A96BB

■ 2D4EBB

■ 9DA4BB

■ 1A40BB

■ B0B2BB

■ 0731BB

■ C3C1BB

■ 002BBB

■ D5CFBB

■ E8DDBB

■ FBECBB

■ FFFABB

# Harmonies

## Analogous

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



0684BB



6579BB



956CAA

# Triad

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



6579BB



B2684E



238C6B

# Complementary

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



6579BB



BBA765

# 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.



59874C



6579BB



9D743B

# Square

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



6579BB



BA616B



7E7F3A



008D8D

# Rectangle

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



6579BB



AA6597



7E7F3A



3A8A60



# Sweetspot

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



6579BB



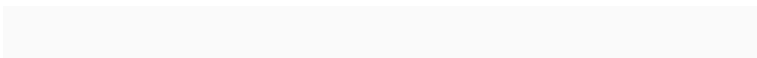
D0D8F2



65BBA7



666A7A



FAFAFA



7A7A7A



# Same Dimension

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



6579BB



6D8CF2



7C65BB



55575E



00259E



00071F



# Inverse Universe

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



BB6579



F26D8C



A4BB65



5E5557



9E0025

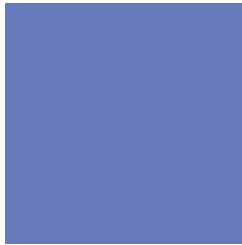


1F0007



# Previews

## White Background



This preview shows how the Hex color 6579BB looks on a white background.

## Color Contrast Check

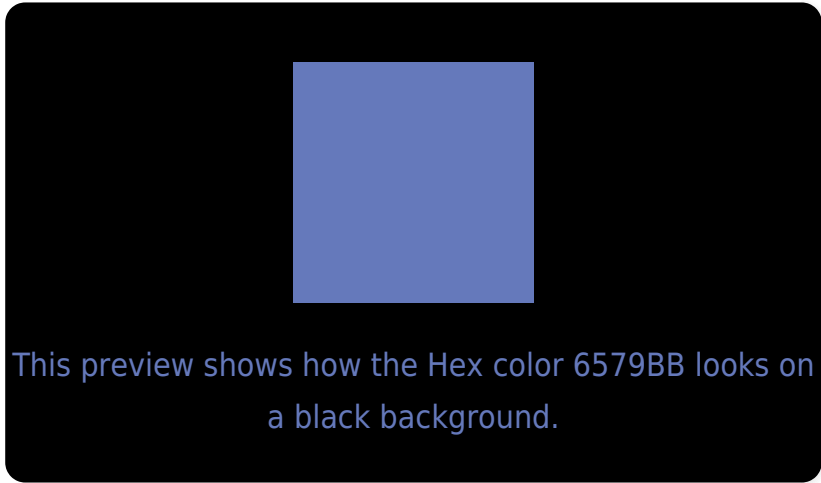
Large Text (above 18pt) WCAG AA ✓ Pass

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 6579BB Background



This preview shows how black text looks on a background with the Hex color 6579BB.



This preview shows how white text looks on a background with the Hex color 6579BB.

# 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**  
6579BB

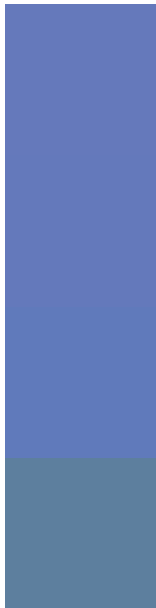
**Protanopia**  
6479BB

**Deuteranopia**  
5D7BBB



**Tritanopia**  
58828D

# Trichromacy



**Original Color**  
6579BB

**Protanomaly**  
6479BB

**Deuteranomaly**  
607ABB

**Tritanomaly**  
5D7F9E

# Monochromacy



**Original Color**  
6579BB

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
737A92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6579BB 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 #6579BB looks like.

```
.text, #text, p{  
    color:#6579BB  
}
```

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 #6579BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6579BB  
}
```

## Border

The CSS property to change the border of an element to Hex 6579BB 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  
#6579BB }
```

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

```
.border{ border-color:#6579BB }
```

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

Here you see how a box with a 4 pixel #6579BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6579BB; -webkit-box-shadow:4px 4px  
4px 4px #6579BB; box-shadow:4px 4px 4px  
4px #6579BB }
```

# Background

The CSS property to change the background color of an element to Hex 6579BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6579BB }
```

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

```
.background{ background-color:#6579BB }
```

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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