

Converting Colors

Hex(759BBC)

Have a look what the booklet for
Hex(759BBC) contains.

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Color

Hex(759BBC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 759BBC |
| RGB | 117, 155, 188 |
| RGB Percent | 46%, 61%, 74% |
| CMY | 0.5412, 0.3922, 0.2627 |
| CMYK | 0.38, 0.18, 0.00, 0.26 |
| HSL | 208°, 35%, 60% |
| HSV | 208°, 38%, 74% |
| XYZ | 28.1346, 30.8554, 52.0498 |
| YIQ | 147.4000, -33.2410, 2.2070 |

Conversions

Conversions Part 2

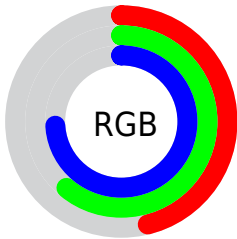
| Format | Color |
|-------------------------------------|---|
| RYB | 117, 142, 188 |
| Decimal | 7707580 |
| CIELab | 62.39, -4.64, -21.23 |
| CIElCh | 62, 21.735, 257.665 |
| Yxy | 30.8554, 0.2534, 0.2779 |
| Android (android.graphics.Color) | 4285897660 (0xFF759BBC) |
| YUV | 147.4000, 20.0158, -26.6608 |
| Hunter-Lab | 55.5477, -6.7992, -16.6731 |

Details

The Hex color **759BBC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BC9675**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **ABD1F4**, and **416887** is the 20% darker color. If you saturate the color by 10%, you get **6292BC**, and if you desaturate by 10%, it is **88A4BC**.

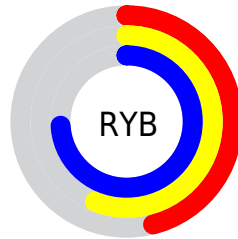
Distribution



Red (46%)

Green (61%)

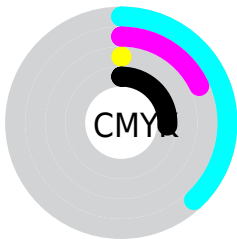
Blue (74%)



Red (46%)

Yellow (56%)

Blue (74%)

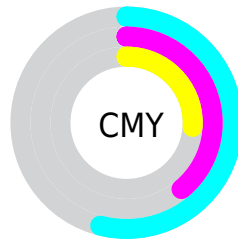


Cyan (38%)

Magenta (18%)

Yellow (0%)

Black (26%)



Cyan (54%)

Magenta (39%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 759BBC 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 759BBC by changing the saturation by 10% instead.

■ 759BBC

FFFFFF

■ ABD1F4

■ C7EEFF

■ E4FFFF

■ 759BBC

■ 5B81A1

■ 416887

■ 26506D

■ 053955

■ 00243D

■ 000E28

■ 000112

■ 000000

■ 759BBC

■ 759BBC

■ 6292BC

■ 88A4BC

■ 4F8ABC

■ 9BACBC

■ 3D81BC

■ ADB5BC

■ 2A78BC

■ C0BEBC

■ 176FBC

■ D3C7BC

■ 0467BC

■ E6CFBC

■ 0065BC

■ F9D8BC

■ FFE1BC

■ FFEABC

Harmonies

Analogous

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



62A0B3



759BBC



8F95BB

Triad

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



759BBC



BE898C



839E7C

Complementary

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



759BBC



BC9675

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.



999972



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BA8D7B

Square

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



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B88AA0



AD9372



6EA18E

Rectangle

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



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A090B5



AD9372



8B9D78

Sweetspot

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



759BBC



DAE8F5



75BC95



6A737A



FAFAFA



7A7A7A

Same Dimension

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



759BBC



87C2F5



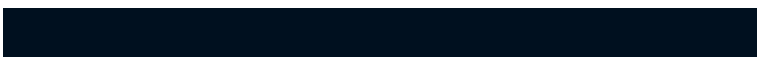
7579BC



555A5E



00559E



00101F

Inverse Universe

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



BC759B



F587C2



BCB875



5E555A



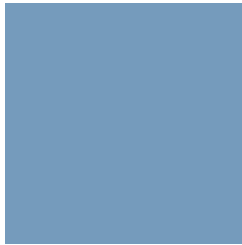
9E0055



1F0010

Previews

White Background



This preview shows how the Hex color 759BBC looks on a white background.

Color Contrast Check

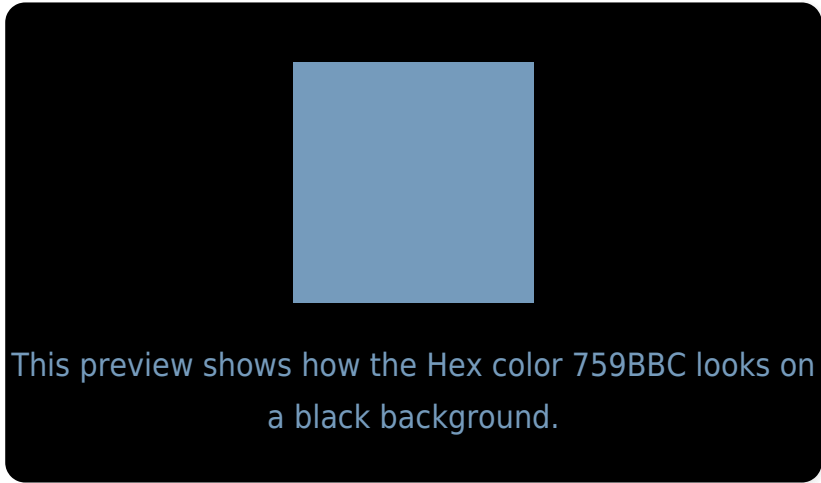
Large Text (above 18pt) WCAG AA × Fail

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

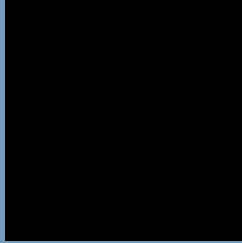
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

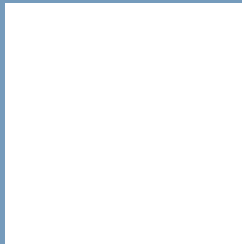
Any Text WCAG AAA ✓ Pass

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

Hex 759BBC Background



This preview shows how black text looks on a background with the Hex color 759BBC.



This preview shows how white text looks on a background with the Hex color 759BBC.

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](#).

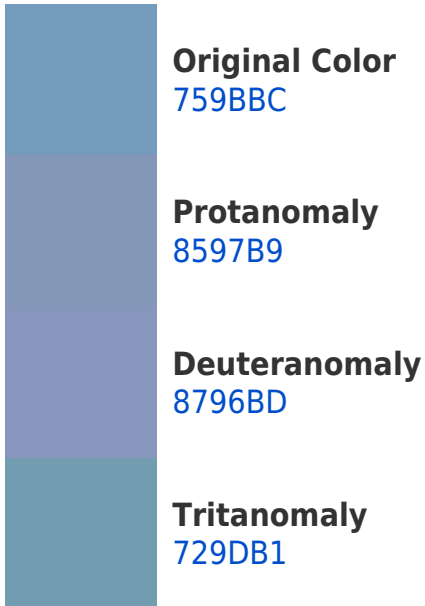
Dichromacy





Tritanopia
719EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 759BBC 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 #759BBC looks like.

```
.text, #text, p{  
    color:#759BBC  
}
```

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 #759BBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759BBC  
}
```

Border

The CSS property to change the border of an element to Hex 759BBC 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  
#759BBC }
```

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

```
.border{ border-color:#759BBC }
```

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

Here you see how a box with a 4 pixel #759BBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759BBC; -webkit-box-shadow:4px 4px  
4px 4px #759BBC; box-shadow:4px 4px 4px  
4px #759BBC }
```

Background

The CSS property to change the background color of an element to Hex 759BBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759BBC }
```

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

```
.background{ background-color:#759BBC }
```

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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