

Converting Colors

Hex(5B679B)

Have a look what the booklet for
Hex(5B679B) contains.

Hex(5B679B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B679B)

Conversions

Conversions Part 1

Format	Color
Hex	5B679B
RGB	91, 103, 155
RGB Percent	36%, 40%, 61%
CMY	0.6431, 0.5961, 0.3922
CMYK	0.41, 0.34, 0.00, 0.39
HSL	229°, 26%, 48%
HSV	229°, 41%, 61%
XYZ	15.0810, 14.2912, 32.9740
YIQ	105.3400, -23.8440, 13.6280

Conversions

Conversions Part 2

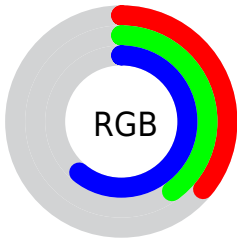
Format	Color
R_{YB}	91, 101, 155
Decimal	5990299
CIE _{Lab}	44.65, 9.27, -29.74
CIE _{LCh}	45, 31.155, 287.319
Yxy	14.2912, 0.2419, 0.2292
Android (android.graphics.Color)	4284180379 (0xFF5B679B)
YUV	105.3400, 24.4824, -12.5762
Hunter-Lab	37.8037, 5.0525, -25.2526

Details

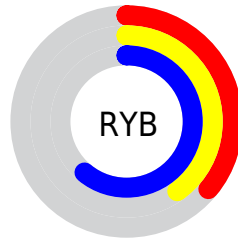
The Hex color **5B679B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9B8F5B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **909AD2**, and **283867** is the 20% darker color. If you saturate the color by 10%, you get **4C5A9B**, and if you desaturate by 10%, it is **6B749B**.

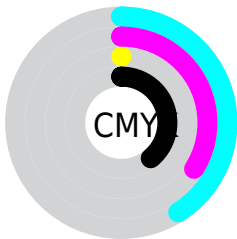
Distribution



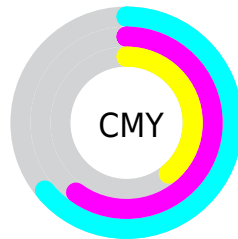
- Red (36%)
- Green (40%)
- Blue (61%)



- Red (36%)
- Yellow (40%)
- Blue (61%)



- Cyan (41%)
- Magenta (34%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (60%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B679B 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 5B679B by changing the saturation by 10% instead.

■ 5B679B

■ 5B679B

FFFFFF

■ 414F81

■ 909AD2

■ 283867

■ ABB5EE

■ 0A234F

■ C7D0FF

■ 000E38

■ E3ECFF

■ 000222

■ 000008

■ 000000

■ 5B679B

■ 5B679B

■ 4C5A9B

■ 6B749B

■ 3C4E9B

■ 7A809B

■ 2D419B

■ 8A8D9B

■ 1D359B

■ 99999B

■ 0E289B

■ A9A69B

■ 001D9B

■ B8B39B

■ C8BF9B

■ D7CC9B

■ E7D89B

Harmonies

Analogous

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



276F9C



5B679B



7F5D8D

Triad

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



5B679B



955B45



28765D

Complementary

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



5B679B



9B8F5B

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.



4E7345



5B679B



836437

Square

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



5B679B



9B555B



6B6D37



007778

Rectangle

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



5B679B



8F587E



6B6D37



367655

Sweetspot

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



5B679B



B1B6C9



5B9B8E



585A66



E6E6E6



666666

Same Dimension

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



5B679B



6578C9



6E5B9B



45464D



001A8C



00020D

Inverse Universe

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



9B5B67



C96578



889B5B



4D4546



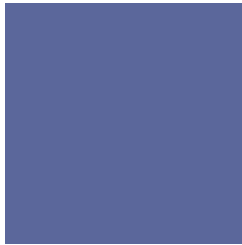
8C001A



0D0002

Previews

White Background



This preview shows how the Hex color 5B679B looks on a white background.

Color Contrast Check

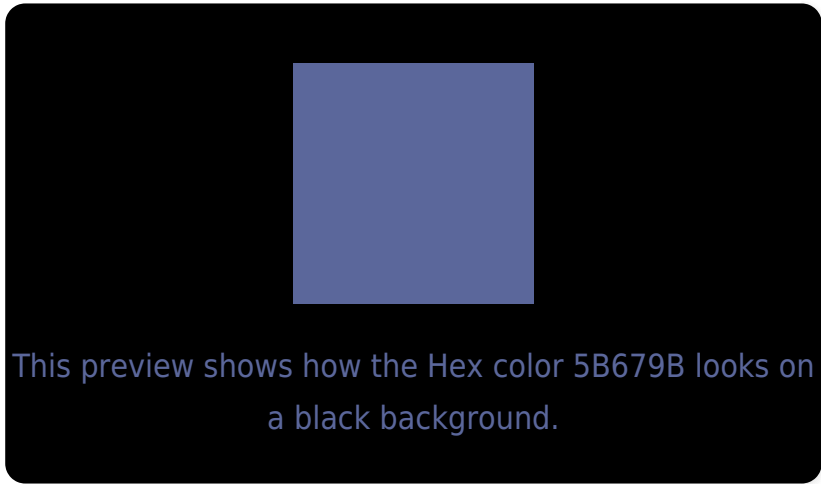
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

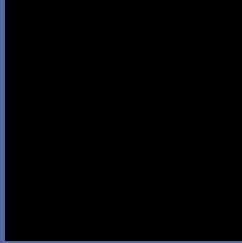
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

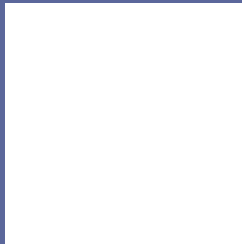
Any Text WCAG AAA × Fail

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

Hex 5B679B Background



This preview shows how black text looks on a background with the Hex color 5B679B.

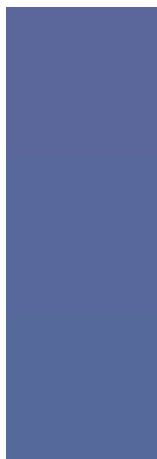


This preview shows how white text looks on a background with the Hex color 5B679B.

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
5B679B

Protanopia
58689C

Deuteranopia
55699B



Tritanopia
526E77

Trichromacy



Original Color
5B679B

Protanomaly
59689C

Deuteranomaly
57689B

Tritanomaly
556B84

Monochromacy



Original Color
5B679B

Achromatopsia
696969

Achromatomaly
64687B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B679B 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 #5B679B looks like.

```
.text, #text, p{  
    color:#5B679B  
}
```

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 #5B679B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B679B
}
```

Border

The CSS property to change the border of an element to Hex 5B679B 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
#5B679B }
```

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

```
.border{ border-color:#5B679B }
```

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

Here you see how a box with a 4 pixel #5B679B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B679B; -webkit-box-shadow:4px 4px  
4px 4px #5B679B; box-shadow:4px 4px 4px  
4px #5B679B }
```

Background

The CSS property to change the background color of an element to Hex 5B679B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B679B }
```

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

```
.background{ background-color:#5B679B }
```

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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