

Converting Colors

Hex(5B8097)

Have a look what the booklet for
Hex(5B8097) contains.

Hex(5B8097)	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(5B8097)

Conversions

Conversions Part 1

Format	Color
Hex	5B8097
RGB	91, 128, 151
RGB Percent	36%, 50%, 59%
CMY	0.6431, 0.4980, 0.4078
CMYK	0.40, 0.15, 0.00, 0.41
HSL	203°, 25%, 47%
HSV	203°, 40%, 59%
XYZ	17.6195, 19.8969, 32.1900
YIQ	119.5590, -29.4350, -0.6910

Conversions

Conversions Part 2

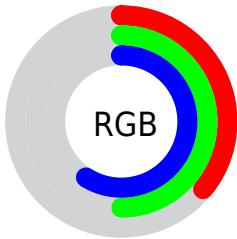
Format	Color
R_YB	91, 114, 151
Decimal	5996695
CIE _{Lab}	51.72, -6.80, -16.48
CIE _{LCh}	52, 17.825, 247.560
Yxy	19.8969, 0.2528, 0.2854
Android (android.graphics.Color)	4284186775 (0xFF5B8097)
YUV	119.5590, 15.5004, -25.0462
Hunter-Lab	44.6059, -7.5522, -11.5627

Details

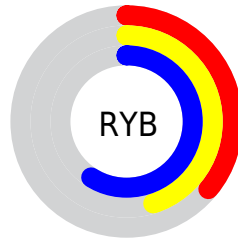
The Hex color **5B8097** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **97725B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8FB5CD**, and **284F64** is the 20% darker color. If you saturate the color by 10%, you get **4C7A97**, and if you desaturate by 10%, it is **6A8697**.

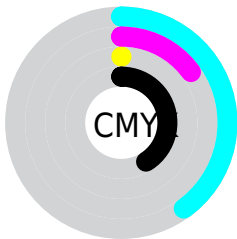
Distribution



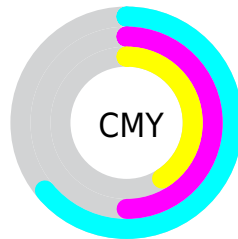
- Red (36%)
- Green (50%)
- Blue (59%)



- Red (36%)
- Yellow (45%)
- Blue (59%)



- Cyan (40%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)



- Cyan (64%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8097 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 5B8097 by changing the saturation by 10% instead.

■ 5B8097

■ 5B8097

FFFFFF

■ 42677D

■ 8FB5CD

■ 284F64

■ ABD0E9

■ 0C384C

■ C6EDFF

■ 002335

■ E3FFFF

■ 000D20

■ 000005

■ 000000

■ 5B8097

■ 5B8097

■ 4C7A97

■ 6A8697

■ 3D7497

■ 798C97

■ 2E6F97

■ 889197

■ 1F6997

■ 979797

■ 0F6397

■ A79D97

■ 005D97

■ B6A397

■ C5A997

■ D4AE97

■ E3B497

Harmonies

Analogous

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



50838D



5B8097



6E7B99

Triad

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



5B8097



9A7078



728063

Complementary

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



5B8097



97725B

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.



837C5D



5B8097



997269

Square

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



5B8097



927287



917660



61836F

Rectangle

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



5B8097



7C7896



917660



787F60

Sweetspot

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



5B8097



ADBBC4



5B9772



565E63



E3E3E3



636363

Same Dimension

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



5B8097



66A0C4



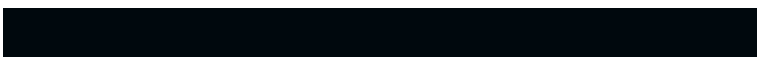
5B6297



454A4D



00568C



00080D

Inverse Universe

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



975B80



C466A0



97905B



4D454A



8C0056



0D0008

Previews

White Background



This preview shows how the Hex color 5B8097 looks on a white background.

Color Contrast Check

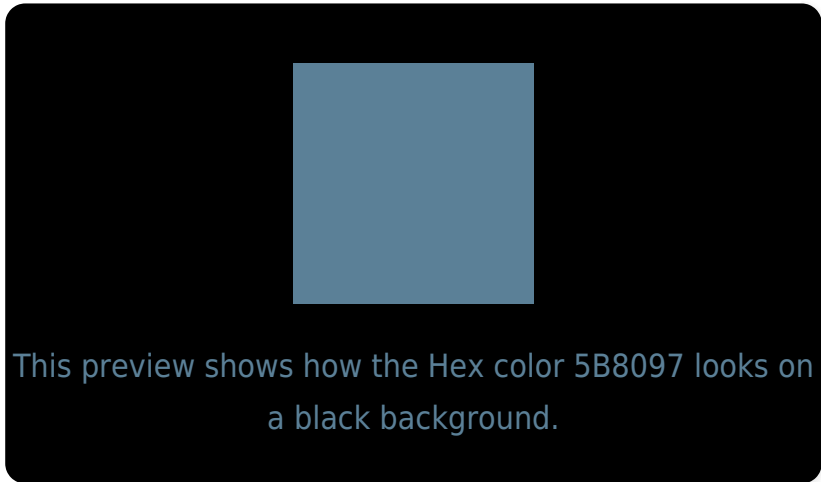
Large Text (above 18pt) WCAG AA ✓ Pass

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

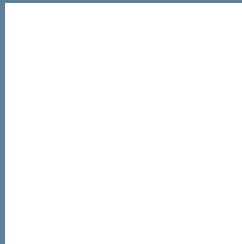
Any Text WCAG AAA × Fail

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

Hex 5B8097 Background



This preview shows how black text looks on a background with the Hex color 5B8097.

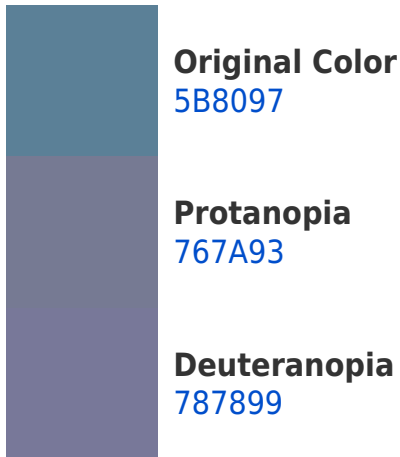



This preview shows how white text looks on a background with the Hex color 5B8097.

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](#).

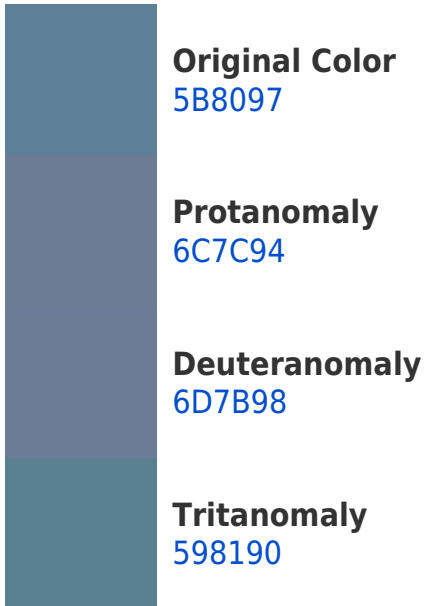
Dichromacy





Tritanopia
58828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8097 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 #5B8097 looks like.

```
.text, #text, p{  
    color:#5B8097  
}
```

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 #5B8097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8097
}
```

Border

The CSS property to change the border of an element to Hex 5B8097 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
#5B8097 }
```

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

```
.border{ border-color:#5B8097 }
```

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

Here you see how a box with a 4 pixel #5B8097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8097; -webkit-box-shadow:4px 4px  
4px 4px #5B8097; box-shadow:4px 4px 4px  
4px #5B8097 }
```

Background

The CSS property to change the background color of an element to Hex 5B8097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8097 }
```

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

```
.background{ background-color:#5B8097 }
```

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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