

# Converting Colors

Hex(5E8297)

Have a look what the booklet for  
Hex(5E8297) contains.

|  |    |
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# Color

**Hex(5E8297)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 5E8297                      |
| RGB         | 94, 130, 151                |
| RGB Percent | 37%, 51%, 59%               |
| CMY         | 0.6314, 0.4902, 0.4078      |
| CMYK        | 0.38, 0.14, 0.00, 0.41      |
| HSL         | 202°, 23%, 48%              |
| HSV         | 202°, 38%, 59%              |
| XYZ         | 18.1846, 20.5793, 32.2919   |
| YIQ         | 121.6300, -28.1970, -1.1010 |

# Conversions

## Conversions Part 2

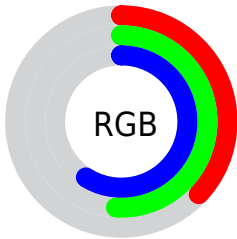
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 94, 116, 151                   |
| Decimal                             | 6193815                        |
| CIE <sub>Lab</sub>                  | 52.49, -7.09, -15.30           |
| CIE <sub>LCh</sub>                  | 52, 16.858, 245.138            |
| Yxy                                 | 20.5793, 0.2559,<br>0.2896     |
| Android<br>(android.graphics.Color) | 4284383895<br>(0xFF5E8297)     |
| YUV                                 | 121.6300, 14.4794,<br>-24.2315 |
| Hunter-Lab                          | 45.3644, -7.8348,<br>-10.4495  |

# Details

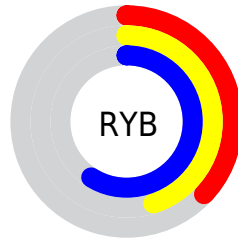
The Hex color **5E8297** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **97735E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **92B7CD**, and **2C5164** is the 20% darker color. If you saturate the color by 10%, you get **4F7C97**, and if you desaturate by 10%, it is **6D8897**.

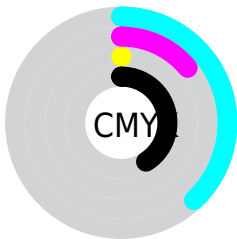
# Distribution



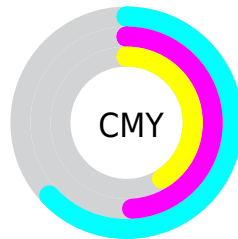
- Red (37%)
- Green (51%)
- Blue (59%)



- Red (37%)
- Yellow (45%)
- Blue (59%)



- Cyan (38%)
- Magenta (14%)
- Yellow (0%)
- Black (41%)



- Cyan (63%)
- Magenta (49%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E8297 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 5E8297 by changing the saturation by 10% instead.



■ 5E8297

■ 5E8297

FFFFFF

■ 45697D

■ 92B7CD

■ 2C5164

■ AED3E9

■ 113A4C

■ C9EFFF

■ 002435

■ E6FFFF

■ 000F20

■ 000006

■ 000000

■ 5E8297

■ 5E8297

■ 4F7C97

■ 6D8897

407797

7C8D97

317197

8B9397

226C97

9A9897

126697

AA9E97

036197

B9A397

005F97

C8A997

D7AF97

E6B497

# Harmonies

## Analogous

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



55858D



5E8297



707E9A

# Triad

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



5E8297



9A737B



768165

# Complementary

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



5E8297



97735E

# 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.



867D60



5E8297



9A746D

# Square

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



5E8297



92758A



937863



658471

# Rectangle

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



5E8297



7D7A97



937863



7B8063



# Sweetspot

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



5E8297



AFBCC4



5E9773



575F63



E3E3E3



636363



# Same Dimension

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



5E8297



6CA4C4



5E6697



454A4D



00598C



00080D



# Inverse Universe

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



975E82



C46CA4



978F5E



4D454A



8C0059



0D0008



# Previews

## White Background



This preview shows how the Hex color 5E8297 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

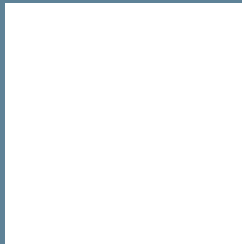
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E8297 Background



This preview shows how black text looks on a background with the Hex color 5E8297.

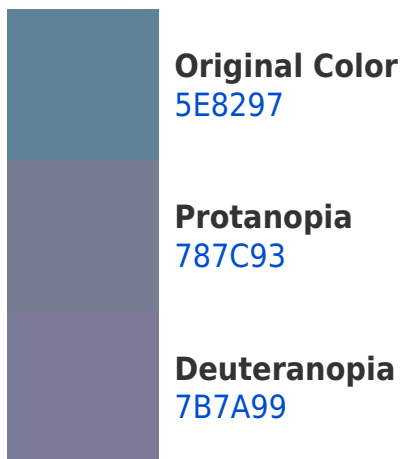


This preview shows how white text looks on a background with the Hex color 5E8297.

# 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**  
5C848E

# Trichromacy



**Original Color**  
5E8297

**Protanomaly**  
6F7E94

**Deuteranomaly**  
707D98

**Tritanomaly**  
5D8391

# Monochromacy



**Original Color**  
5E8297

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
707D85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E8297 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 #5E8297 looks like.

```
.text, #text, p{  
    color:#5E8297  
}
```

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 #5E8297 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8297
}
```

## Border

The CSS property to change the border of an element to Hex 5E8297 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
#5E8297 }
```

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

```
.border{ border-color:#5E8297 }
```

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

Here you see how a box with a 4 pixel #5E8297 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8297; -webkit-box-shadow:4px 4px  
4px 4px #5E8297; box-shadow:4px 4px 4px  
4px #5E8297 }
```

# Background

The CSS property to change the background color of an element to Hex 5E8297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8297 }
```

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

```
.background{ background-color:#5E8297 }
```

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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