

# Converting Colors

Hex(5E6A8B)

Have a look what the booklet for  
Hex(5E6A8B) contains.

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# Color

**Hex(5E6A8B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E6A8B
RGB	94, 106, 139
RGB Percent	37%, 42%, 55%
CMY	0.6314, 0.5843, 0.4549
CMYK	0.32, 0.24, 0.00, 0.45
HSL	224°, 19%, 46%
HSV	224°, 32%, 55%
XYZ	14.4303, 14.5518, 26.4743
YIQ	106.1740, -17.7450, 7.7190

# Conversions

## Conversions Part 2

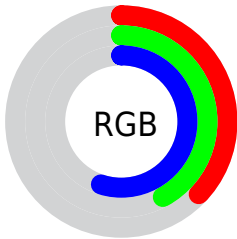
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 103, 139
Decimal	6187659
CIE <sub>Lab</sub>	45.01, 3.74, -19.63
CIE <sub>LCh</sub>	45, 19.987, 280.798
Yxy	14.5518, 0.2602, 0.2624
Android (android.graphics.Color)	4284377739 (0xFF5E6A8B)
YUV	106.1740, 16.1832, -10.6766
Hunter-Lab	38.1469, 0.7666, -14.4451

# Details

The Hex color **5E6A8B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B7F5E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **929DC1**, and **2E3B59** is the 20% darker color. If you saturate the color by 10%, you get **50608B**, and if you desaturate by 10%, it is **6C748B**.

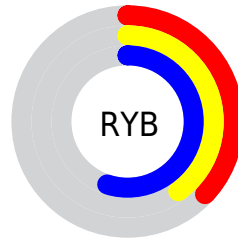
# Distribution



Red (37%)

Green (42%)

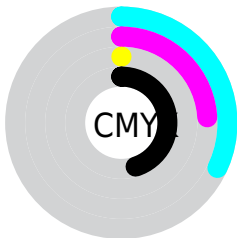
Blue (55%)



Red (37%)

Yellow (40%)

Blue (55%)

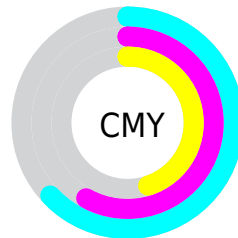


Cyan (32%)

Magenta (24%)

Yellow (0%)

Black (45%)



Cyan (63%)

Magenta (58%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E6A8B 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 5E6A8B by changing the saturation by 10% instead.





5E6A8B



5E6A8B

FFFFFF



455271



929DC1



2E3B59



ACB8DD



162541



C8D4F9



00112B



E4F0FF



000116



000000



5E6A8B



5E6A8B



50608B



6C748B



42568B



7A7E8B

■ 344B8B

■ 88898B

■ 26418B

■ 96938B

■ 19378B

■ A49D8B

■ 0B2D8B

■ B1A78B

■ 00258B

■ BFB18B

■ CDBC8B

■ DBC68B

# Harmonies

## Analogous

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



476F8A



5E6A8B



756484

# Triad

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



5E6A8B



8A6156



4B735F

# Complementary

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



5E6A8B



8B7F5E

# 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.



5E7051



5E6A8B



80664B

# Square

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



5E6A8B



8C5E65



706B4A



3B7470

# Rectangle

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



5E6A8B



80617B



706B4A



51725A



# Sweetspot

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



5E6A8B



A3A8B5



5E8B7F



51545C



DBDBDB



5C5C5C



# Same Dimension

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



5E6A8B



6E81B5



695E8B



3E4045



002385



000105



# Inverse Universe

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



8B5E6A



B56E81



818B5E



453E40



850023



050001



# Previews

## White Background



This preview shows how the Hex color 5E6A8B looks on a white background.

## Color Contrast Check

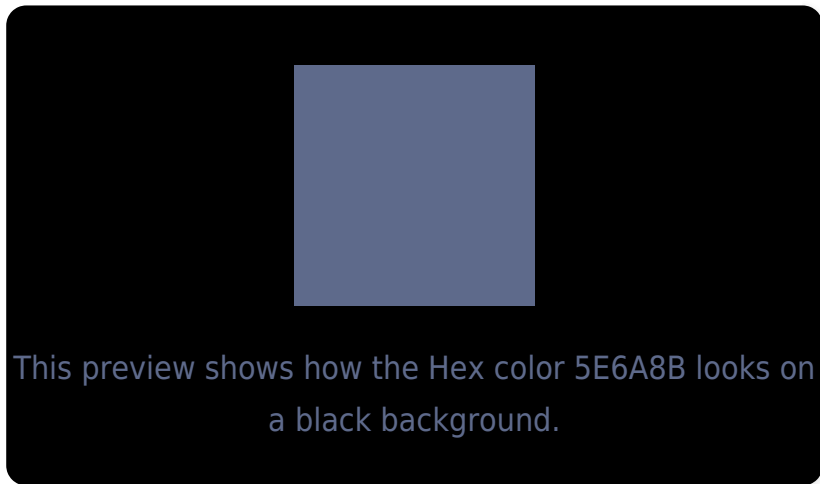
Large Text (above 18pt) WCAG AA ✓ Pass

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

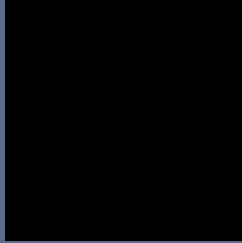
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

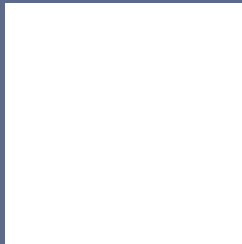
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E6A8B Background



This preview shows how black text looks on a background with the Hex color 5E6A8B.

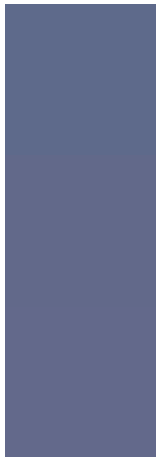


This preview shows how white text looks on a background with the Hex color 5E6A8B.

# 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**  
5E6A8B

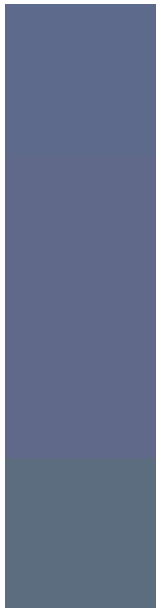
**Protanopia**  
62698A

**Deuteranopia**  
63698B



**Tritanopia**  
596E77

# Trichromacy



**Original Color**  
5E6A8B

**Protanomaly**  
61698A

**Deuteranomaly**  
61698B

**Tritanomaly**  
5B6D7E

# Monochromacy



**Original Color**  
5E6A8B

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
666A76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E6A8B 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 #5E6A8B looks like.

```
.text, #text, p{  
    color:#5E6A8B  
}
```

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 #5E6A8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6A8B
}
```

## Border

The CSS property to change the border of an element to Hex 5E6A8B 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
#5E6A8B }
```

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

```
.border{ border-color:#5E6A8B }
```

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

Here you see how a box with a 4 pixel #5E6A8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6A8B; -webkit-box-shadow:4px 4px  
4px 4px #5E6A8B; box-shadow:4px 4px 4px  
4px #5E6A8B }
```

# Background

The CSS property to change the background color of an element to Hex 5E6A8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6A8B }
```

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

```
.background{ background-color:#5E6A8B }
```

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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