

# Converting Colors

Hex(5E5A8C)

Have a look what the booklet for  
Hex(5E5A8C) contains.

<b>Hex(5E5A8C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5E5A8C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E5A8C
RGB	94, 90, 140
RGB Percent	37%, 35%, 55%
CMY	0.6314, 0.6471, 0.4510
CMYK	0.33, 0.36, 0.00, 0.45
HSL	245°, 22%, 45%
HSV	245°, 36%, 55%
XYZ	13.0059, 11.5855, 26.3617
YIQ	96.8960, -13.6660, 16.3980

# Conversions

## Conversions Part 2

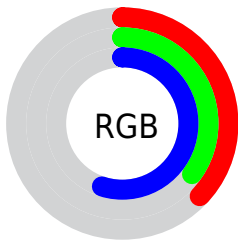
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 90, 140
Decimal	6183564
CIE <sub>Lab</sub>	40.55, 13.91, -27.15
CIE <sub>LCh</sub>	41, 30.507, 297.119
Yxy	11.5855, 0.2553, 0.2274
Android (android.graphics.Color)	4284373644 (0xFF5E5A8C)
YUV	96.8960, 21.2503, -2.5398
Hunter-Lab	34.0374, 8.6403, -22.0934

# Details

The Hex color **5E5A8C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **888C5A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **928CC2**, and **2D2C5A** is the 20% darker color. If you saturate the color by 10%, you get **514C8C**, and if you desaturate by 10%, it is **6B688C**.

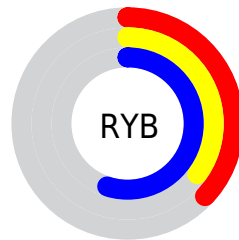
# Distribution



Red (37%)

Green (35%)

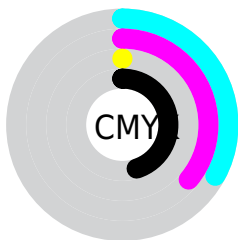
Blue (55%)



Red (37%)

Yellow (35%)

Blue (55%)

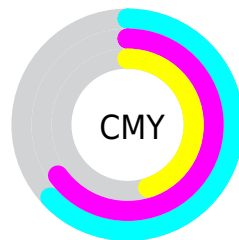


Cyan (33%)

Magenta (36%)

Yellow (0%)

Black (45%)



Cyan (63%)

Magenta (65%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E5A8C 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 5E5A8C by changing the saturation by 10% instead.





5E5A8C



5E5A8C

FFFFFF



454372



928CC2



2D2C5A



ADA6DE



151842



C9C2FA



01002C



E5DDFF



000116



FFFAFF



000000



5E5A8C



5E5A8C



514C8C



6B688C



443E8C



78768C

■ 37308C

■ 85848C

■ 2A228C

■ 92928C

■ 1E148C

■ 9EA08C

■ 11068C

■ ABAE8C

■ 0B008C

■ B8BC8C

■ C5CA8C

■ D2D88C

# Harmonies

## Analogous

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



306391



5E5A8C



7C517B

# Triad

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



5E5A8C



845436



036C5C

# Complementary

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



5E5A8C



888C5A

# 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.



3A6A44



5E5A8C



715D2D

# Square

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



5E5A8C



8E4D4A



586532



006C76

# Rectangle

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



5E5A8C



894C6B



586532



1E6C54



# Sweetspot

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



5E5A8C



A3A1B5



5A898C



51505C



DBDBDB



5C5C5C



# Same Dimension

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



5E5A8C



6D67B5



765A8C



3F3E45



0B0085



000005



# Inverse Universe

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



8C5A88



B567AF



708C5A



453E44



85007A



050005



# Previews

## White Background



This preview shows how the Hex color 5E5A8C 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

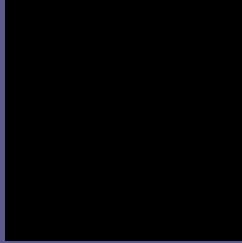
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E5A8C Background



This preview shows how black text looks on a background with the Hex color 5E5A8C.

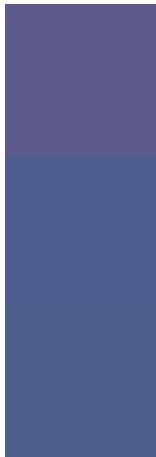


This preview shows how white text looks on a background with the Hex color 5E5A8C.

# 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**  
5E5A8C

**Protanopia**  
4F5E8F

**Deuteranopia**  
4E5F8B



**Tritanopia**  
566169

# Trichromacy



**Original Color**

5E5A8C

**Protanomaly**

545D8E

**Deuteranomaly**

545D8B

**Tritanomaly**

595E76

# Monochromacy



**Original Color**

5E5A8C

**Achromatopsia**

616161

**Achromatomaly**

605E71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E5A8C 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 #5E5A8C looks like.

```
.text, #text, p{  
    color:#5E5A8C  
}
```

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 #5E5A8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5A8C
}
```

## Border

The CSS property to change the border of an element to Hex 5E5A8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

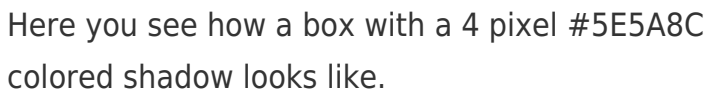
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E5A8C }
```

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

```
.border{ border-color:#5E5A8C }
```

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



Here you see how a box with a 4 pixel #5E5A8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5A8C; -webkit-box-shadow:4px 4px  
4px 4px #5E5A8C; box-shadow:4px 4px 4px  
4px #5E5A8C }
```

# Background

The CSS property to change the background color of an element to Hex 5E5A8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5A8C }
```

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

```
.background{ background-color:#5E5A8C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor