

Converting Colors

Hex(5E4F8C)

Have a look what the booklet for
Hex(5E4F8C) contains.

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Color

Hex(5E4F8C)

Conversions

Conversions Part 1

Format	Color
Hex	5E4F8C
RGB	94, 79, 140
RGB Percent	37%, 31%, 55%
CMY	0.6314, 0.6902, 0.4510
CMYK	0.33, 0.44, 0.00, 0.45
HSL	255°, 28%, 43%
HSV	255°, 44%, 55%
XYZ	12.1457, 9.8651, 26.0749
YIQ	90.4390, -10.6410, 22.1510

Conversions

Conversions Part 2

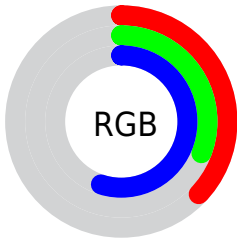
Format	Color
R_{YB}	94, 79, 140
Decimal	6180748
CIE _{Lab}	37.60, 20.81, -31.79
CIE _{LCh}	38, 37.994, 303.215
Yxy	9.8651, 0.2526, 0.2052
Android (android.graphics.Color)	4284370828 (0xFF5E4F8C)
YUV	90.4390, 24.4336, 3.1230
Hunter-Lab	31.4088, 14.0603, -27.2353

Details

The Hex color **5E4F8C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7D8C4F**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9280C2**, and **2C2259** is the 20% darker color. If you saturate the color by 10%, you get **53418C**, and if you desaturate by 10%, it is **695D8C**.

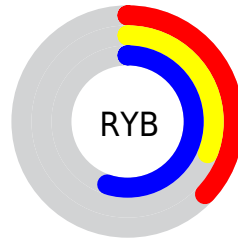
Distribution



Red (37%)

Green (31%)

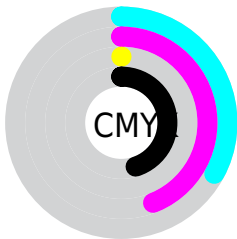
Blue (55%)



Red (37%)

Yellow (31%)

Blue (55%)

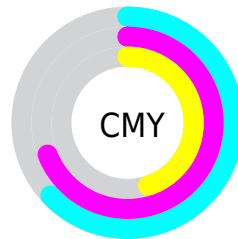


Cyan (33%)

Magenta (44%)

Yellow (0%)

Black (45%)



Cyan (63%)

Magenta (69%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E4F8C 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 5E4F8C by changing the saturation by 10% instead.



5E4F8C



5E4F8C

FFFFFF



453872



9280C2



2C2259



AD9ADE



130E42



C9B5FB



00002B



E6D1FF



000115



FFEDFF



000000



5E4F8C



5E4F8C



53418C



695D8C



49338C



736B8C

■ 3E258C

■ 7E798C

■ 34178C

■ 88878C

■ 29098C

■ 93958C

■ 22008C

■ 9DA38C

■ A8B18C

■ B2BF8C

■ BDCD8C

Harmonies

Analogous

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



1A5B96



5E4F8C



804375

Triad

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



5E4F8C



7F4D21



00675B

Complementary

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



5E4F8C



7D8C4F

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.



16653C



5E4F8C



665816

Square

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



5E4F8C



8E4139



476022



006779

Rectangle

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



5E4F8C



8D3D61



476022



006750

Sweetspot

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



5E4F8C



A39EB5



4F7E8C



514D5C



DBDBDB



5C5C5C

Same Dimension

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



5E4F8C



6E57B5



7C4F8C



403E45



210085



010005

Inverse Universe

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



8C4F7D



B5579E



5F8C4F



453E43



850064



050004

Previews

White Background



This preview shows how the Hex color 5E4F8C looks on a white background.

Color Contrast Check

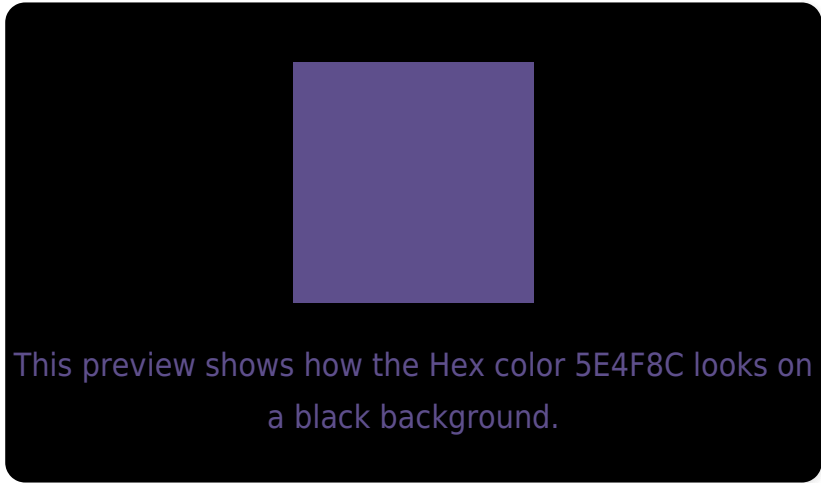
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

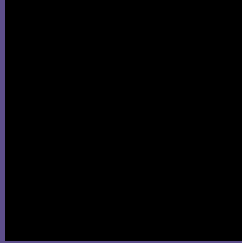
Any Text WCAG AA × Fail

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 5E4F8C Background



This preview shows how black text looks on a background with the Hex color 5E4F8C.



This preview shows how white text looks on a background with the Hex color 5E4F8C.

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
555960

Trichromacy



Original Color
5E4F8C

Protanomaly
4B5490

Deuteranomaly
4A558B

Tritanomaly
585570

Monochromacy



Original Color
5E4F8C

Achromatopsia
5A5A5A

Achromatomaly
5B566C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E4F8C 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 #5E4F8C looks like.

```
.text, #text, p{  
    color:#5E4F8C  
}
```

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 #5E4F8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4F8C
}
```

Border

The CSS property to change the border of an element to Hex 5E4F8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

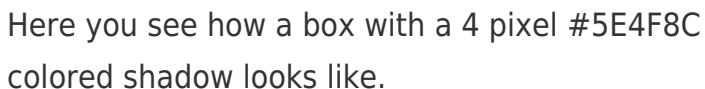
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4F8C }
```

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

```
.border{ border-color:#5E4F8C }
```

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



Here you see how a box with a 4 pixel #5E4F8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4F8C; -webkit-box-shadow:4px 4px  
4px 4px #5E4F8C; box-shadow:4px 4px 4px  
4px #5E4F8C }
```

Background

The CSS property to change the background color of an element to Hex 5E4F8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4F8C }
```

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

```
.background{ background-color:#5E4F8C }
```

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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