

Converting Colors

Hex(5E4C8B)

Have a look what the booklet for
Hex(5E4C8B) contains.

Hex(5E4C8B)	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(5E4C8B)

Conversions

Conversions Part 1

Format	Color
Hex	5E4C8B
RGB	94, 76, 139
RGB Percent	37%, 30%, 55%
CMY	0.6314, 0.7020, 0.4549
CMYK	0.32, 0.45, 0.00, 0.45
HSL	257°, 29%, 42%
HSV	257°, 45%, 55%
XYZ	11.8607, 9.4126, 25.6178
YIQ	88.5640, -9.4950, 23.4090

Conversions

Conversions Part 2

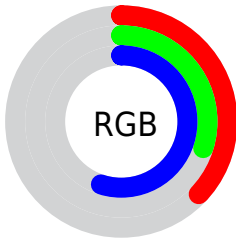
Format	Color
RYB	94, 76, 139
Decimal	6179979
CIELab	36.77, 22.41, -32.49
CIELCh	37, 39.473, 304.601
Yxy	9.4126, 0.2529, 0.2007
Android (android.graphics.Color)	4284370059 (0xFF5E4C8B)
YUV	88.5640, 24.8649, 4.7674
Hunter-Lab	30.6800, 15.3171, -28.0310

Details

The Hex color **5E4C8B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **798B4C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **927DC1**, and **2C1F58** is the 20% darker color. If you saturate the color by 10%, you get **543E8B**, and if you desaturate by 10%, it is **685A8B**.

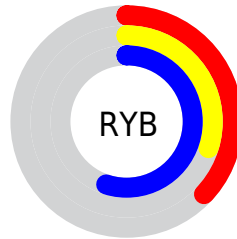
Distribution



Red (37%)

Green (30%)

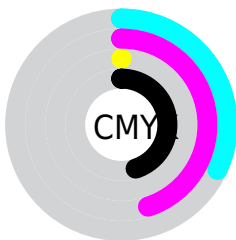
Blue (55%)



Red (37%)

Yellow (30%)

Blue (55%)

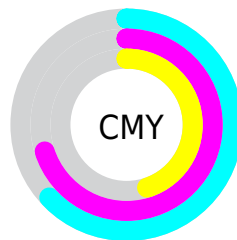


Cyan (32%)

Magenta (45%)

Yellow (0%)

Black (45%)



Cyan (63%)

Magenta (70%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E4C8B 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 5E4C8B by changing the saturation by 10% instead.

■ 5E4C8B

■ 5E4C8B

FFFFFF

■ 453571

■ 927DC1

■ 2C1F58

■ AD97DD

■ 130B41

■ C9B2FA

■ 00002A

■ E6CDFF

■ 000114

■ FFEAFF

■ 000000

■ 5E4C8B

■ 5E4C8B

■ 543E8B

■ 685A8B

■ 4A308B

■ 72688B

40228B

7C768B

36148B

86848B

2C078B

90918B

28008B

9A9F8B

A4AD8B

ADBB8B

B7C98B

Harmonies

Analogous

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



155896



5E4C8B



813F72

Triad

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



5E4C8B



7D4B1C



00665B

Complementary

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



5E4C8B



798B4C

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.



05643A



5E4C8B



635710

Square

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



5E4C8B



8D3F34



425F1E



00657A

Rectangle

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



5E4C8B



8D395E



425F1E



006550

Sweetspot

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



5E4C8B



A39CB5



4C798B



514C5C



DBDBDB



5C5C5C

Same Dimension

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



5E4C8B



6F53B5



7D4C8B



403E45



260085



010005

Inverse Universe

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



8B4C79



B55399



5A8B4C



453E43



85005F



050004

Previews

White Background



This preview shows how the Hex color 5E4C8B looks on a white background.

Color Contrast Check

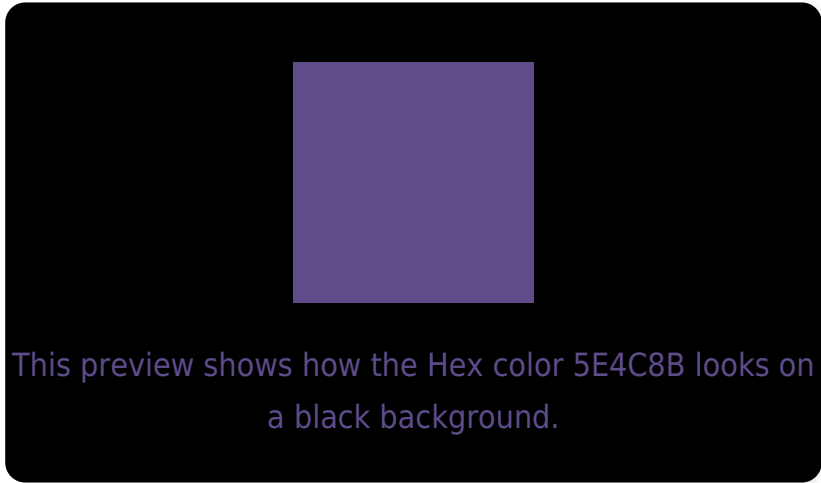
Large Text (above 18pt) WCAG AA ✓ Pass

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

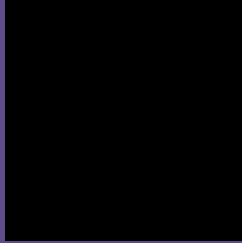
Any Text WCAG AA × Fail

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 5E4C8B Background



This preview shows how black text looks on a background with the Hex color 5E4C8B.




This preview shows how white text looks on a background with the Hex color 5E4C8B.

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
55565D

Trichromacy



Original Color
5E4C8B

Protanomaly
485290

Deuteranomaly
48538A

Tritanomaly
58526E

Monochromacy



Original Color
5E4C8B

Achromatopsia
595959

Achromatomaly
5B546B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E4C8B 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 #5E4C8B looks like.

```
.text, #text, p{  
    color:#5E4C8B  
}
```

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 #5E4C8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4C8B
}
```

Border

The CSS property to change the border of an element to Hex 5E4C8B 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
#5E4C8B }
```

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

```
.border{ border-color:#5E4C8B }
```

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

Here you see how a box with a 4 pixel #5E4C8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4C8B; -webkit-box-shadow:4px 4px  
4px 4px #5E4C8B; box-shadow:4px 4px 4px  
4px #5E4C8B }
```

Background

The CSS property to change the background color of an element to Hex 5E4C8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4C8B }
```

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

```
.background{ background-color:#5E4C8B }
```

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