

Converting Colors

Hex(5E78B5)

Have a look what the booklet for
Hex(5E78B5) contains.

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Color

Hex(5E78B5)

Conversions

Conversions Part 1

Format	Color
Hex	5E78B5
RGB	94, 120, 181
RGB Percent	37%, 47%, 71%
CMY	0.6314, 0.5294, 0.2902
CMYK	0.48, 0.34, 0.00, 0.29
HSL	222°, 37%, 54%
HSV	222°, 48%, 71%
XYZ	19.6731, 19.1488, 46.3753
YIQ	119.1800, -35.0770, 13.4590

Conversions

Conversions Part 2

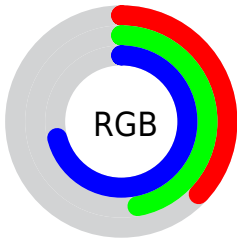
Format	Color
R _Y B	94, 114, 181
Decimal	6191285
CIE Lab	50.86, 7.57, -35.20
CIE LCh	51, 36.006, 282.140
Yxy	19.1488, 0.2309, 0.2248
Android (android.graphics.Color)	4284381365 (0xFF5E78B5)
YUV	119.1800, 30.4773, -22.0829
Hunter-Lab	43.7594, 3.6700, -32.2028

Details

The Hex color **5E78B5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B59B5E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **95ACED**, and **264880** is the 20% darker color. If you saturate the color by 10%, you get **4C6BB5**, and if you desaturate by 10%, it is **7085B5**.

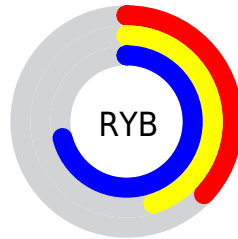
Distribution



Red (37%)

Green (47%)

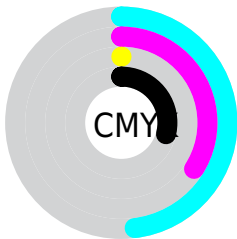
Blue (71%)



Red (37%)

Yellow (45%)

Blue (71%)

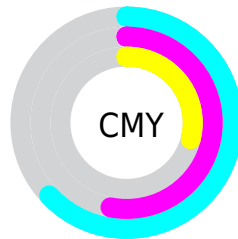


Cyan (48%)

Magenta (34%)

Yellow (0%)

Black (29%)



Cyan (63%)

Magenta (53%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E78B5 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 5E78B5 by changing the saturation by 10% instead.

■ 5E78B5

■ 5E78B5

FFFFFF

■ 435F9A

■ 95ACED

■ 264880

■ B0C7FF

■ 003266

■ CDE3FF

■ 001D4E

■ EAFFFF

■ 000237

■ 000221

■ 000005

■ 000000

■ 5E78B5

■ 5E78B5

■ 4C6BB5

■ 7085B5

■ 3A5FB5

■ 8291B5

■ 2852B5

■ 949EB5

■ 1645B5

■ A6ABB5

■ 0339B5

■ B9B7B5

■ 0036B5

■ CBC4B5

■ DDD1B5

■ EFDEB5

■ FFEAB5

Harmonies

Analogous

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



0B81B3



5E78B5



8C6CA7

Triad

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



5E78B5



AE6651



328865

Complementary

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



5E78B5



B59B5E

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.



5E834A



5E78B5



9B713E

Square

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



5E78B5



B4606E



807B3B



008985

Rectangle

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



5E78B5



A16596



807B3B



43875B

Sweetspot

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



5E78B5



CAD4EB



5EB59B



616775



F5F5F5



757575

Same Dimension

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



5E78B5



638BEB



6F5EB5



505359



002E99



00081A

Inverse Universe

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



B55E78



EB638B



A4B55E



595053



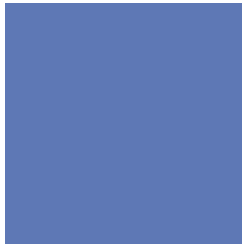
99002E



1A0008

Previews

White Background



This preview shows how the Hex color 5E78B5 looks on a white background.

Color Contrast Check

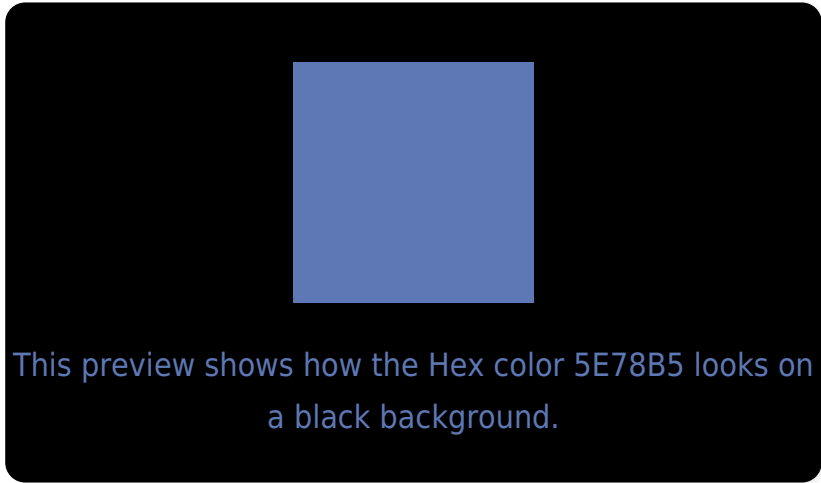
Large Text (above 18pt) WCAG AA ✓ Pass

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

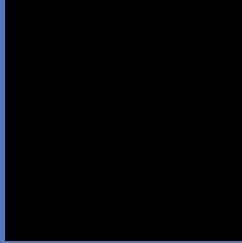
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

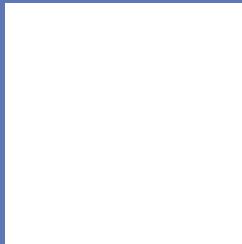
Any Text WCAG AAA × Fail

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

Hex 5E78B5 Background



This preview shows how black text looks on a background with the Hex color 5E78B5.

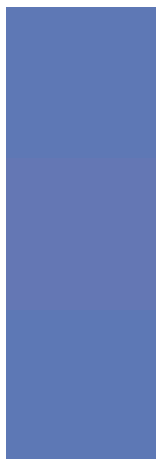


This preview shows how white text looks on a background with the Hex color 5E78B5.

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
5E78B5

Protanopia
6477B4

Deuteranopia
5D78B5



Tritanopia
51808B

Trichromacy



Original Color
5E78B5

Protanomaly
6277B4

Deuteranomaly
5D78B5

Tritanomaly
567D9A

Monochromacy



Original Color
5E78B5

Achromatopsia
777777

Achromatomaly
6E778E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E78B5 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 #5E78B5 looks like.

```
.text, #text, p{  
    color:#5E78B5  
}
```

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 #5E78B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E78B5
}
```

Border

The CSS property to change the border of an element to Hex 5E78B5 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
#5E78B5 }
```

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

```
.border{ border-color:#5E78B5 }
```

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

Here you see how a box with a 4 pixel #5E78B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E78B5; -webkit-box-shadow:4px 4px  
4px 4px #5E78B5; box-shadow:4px 4px 4px  
4px #5E78B5 }
```

Background

The CSS property to change the background color of an element to Hex 5E78B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E78B5 }
```

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

```
.background{ background-color:#5E78B5 }
```

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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