

Converting Colors

Hex(5E87C5)

Have a look what the booklet for
Hex(5E87C5) contains.

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Color

Hex(5E87C5)

Conversions

Conversions Part 1

Format	Color
Hex	5E87C5
RGB	94, 135, 197
RGB Percent	37%, 53%, 77%
CMY	0.6314, 0.4706, 0.2275
CMYK	0.52, 0.31, 0.00, 0.23
HSL	216°, 47%, 57%
HSV	216°, 52%, 77%
XYZ	23.3581, 23.7388, 56.1743
YIQ	129.8090, -44.3380, 10.5900

Conversions

Conversions Part 2

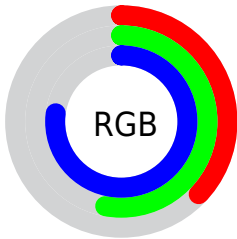
Format	Color
R _Y B	94, 123, 197
Decimal	6195141
CIE Lab	55.83, 3.59, -36.57
CIE LCh	56, 36.746, 275.614
Yxy	23.7388, 0.2262, 0.2299
Android (android.graphics.Color)	4284385221 (0xFF5E87C5)
YUV	129.8090, 33.1252, -31.4045
Hunter-Lab	48.7225, 0.3104, -34.2522

Details

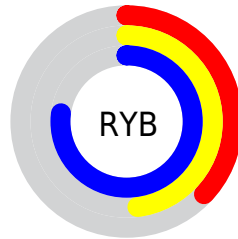
The Hex color **5E87C5** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C59C5E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **96BCFE**, and **21568F** is the 20% darker color. If you saturate the color by 10%, you get **4A7BC5**, and if you desaturate by 10%, it is **7293C5**.

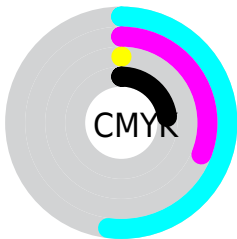
Distribution



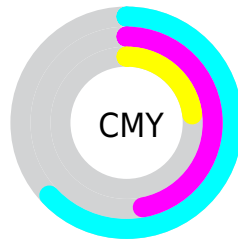
- Red (37%)
- Green (53%)
- Blue (77%)



- Red (37%)
- Yellow (48%)
- Blue (77%)



- Cyan (52%)
- Magenta (31%)
- Yellow (0%)
- Black (23%)



- Cyan (63%)
- Magenta (47%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E87C5 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 5E87C5 by changing the saturation by 10% instead.

■ 5E87C5

■ 5E87C5

FFFFFF

■ 416EAA

■ 96BCFE

■ 21568F

■ B2D8FF

■ 003F75

■ CFF4FF

■ 00295C

■ EDFFFF

■ 001544

■ 00032D

■ 000118

■ 000000

■ 5E87C5

■ 5E87C5

■ 4A7BC5

■ 7293C5

■ 376FC5

■ 859FC5

■ 2363C5

■ 99ABC5

■ 0F58C5

■ ADB6C5

■ 004EC5

■ C1C2C5

■ D4CEC5

■ E8DAC5

■ FCE6C5

■ FFF2C5

Harmonies

Analogous

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



0090BF



5E87C5



917BBA

Triad

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



5E87C5



C07062



49946A

Complementary

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



5E87C5



C59C5E

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.



728F50



5E87C5



AF7B4C

Square

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



5E87C5



C26C81



948645



00968B

Rectangle

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



5E87C5



A973AA



948645



589361

Sweetspot

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



5E87C5



D6E6FF



5EC59C



677180



000000



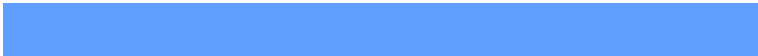
808080

Same Dimension

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



5E87C5



5E9EFF



685EC5



5A5D63



0041A3



000E24

Inverse Universe

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



C55E87



FF5E9E



BBC55E



635A5D



A30041



24000E

Previews

White Background



This preview shows how the Hex color 5E87C5 looks on a white background.

Color Contrast Check

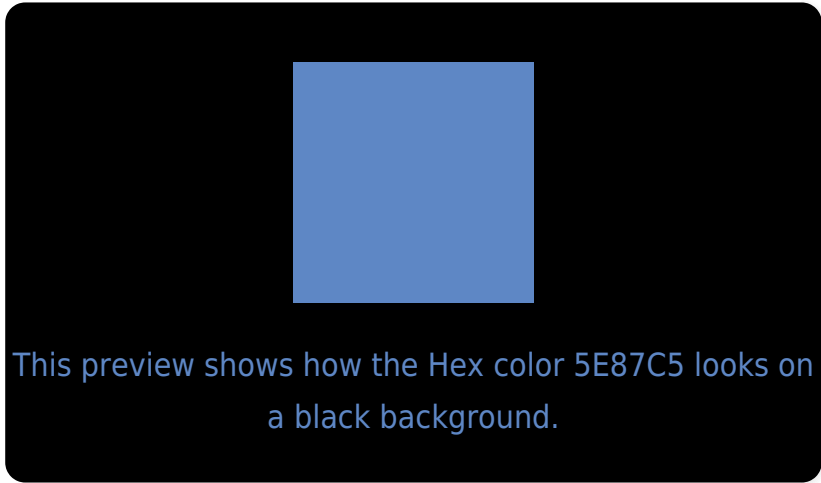
Large Text (above 18pt) WCAG AA ✓ Pass

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

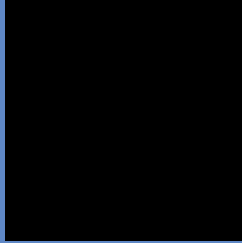
Any Text WCAG AA ✓ Pass

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 5E87C5 Background



This preview shows how black text looks on a background with the Hex color 5E87C5.

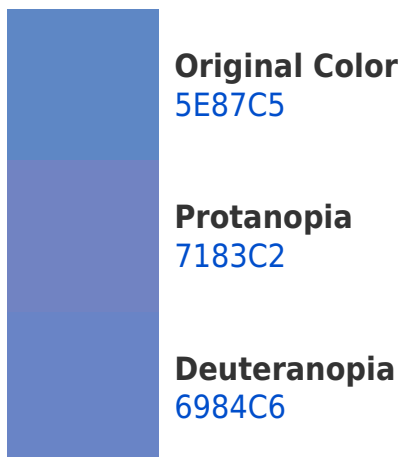


This preview shows how white text looks on a background with the Hex color 5E87C5.

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](#).

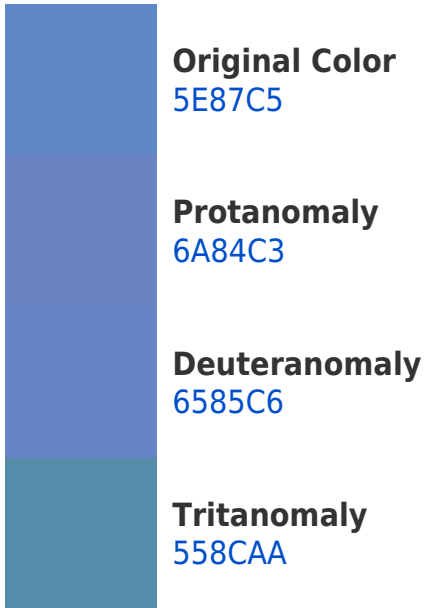
Dichromacy



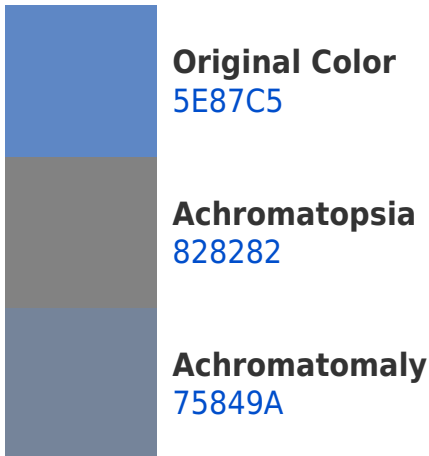


Tritanopia
508F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E87C5 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 #5E87C5 looks like.

```
.text, #text, p{  
    color:#5E87C5  
}
```

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 #5E87C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E87C5
}
```

Border

The CSS property to change the border of an element to Hex 5E87C5 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
#5E87C5 }
```

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

```
.border{ border-color:#5E87C5 }
```

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

Here you see how a box with a 4 pixel #5E87C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E87C5; -webkit-box-shadow:4px 4px  
4px 4px #5E87C5; box-shadow:4px 4px 4px  
4px #5E87C5 }
```

Background

The CSS property to change the background color of an element to Hex 5E87C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E87C5 }
```

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

```
.background{ background-color:#5E87C5 }
```

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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