

Converting Colors

Hex(5E87EB)

Have a look what the booklet for
Hex(5E87EB) contains.

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Color

Hex(5E87EB)

Conversions

Conversions Part 1

Format	Color
Hex	5E87EB
RGB	94, 135, 235
RGB Percent	37%, 53%, 92%
CMY	0.6314, 0.4706, 0.0784
CMYK	0.60, 0.43, 0.00, 0.08
HSL	223°, 78%, 65%
HSV	223°, 60%, 92%
XYZ	28.2755, 25.7058, 82.0687
YIQ	134.1410, -56.5360, 22.4080

Conversions

Conversions Part 2

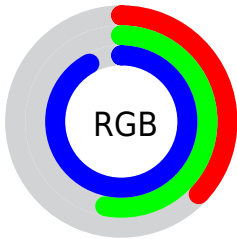
Format	Color
R _Y B	94, 126, 235
Decimal	6195179
CIE Lab	57.76, 15.86, -54.85
CIE LCh	58, 57.094, 286.131
Yxy	25.7058, 0.2078, 0.1889
Android (android.graphics.Color)	4284385259 (0xFF5E87EB)
YUV	134.1410, 49.7235, -35.2037
Hunter-Lab	50.7009, 10.8215, -60.4812

Details

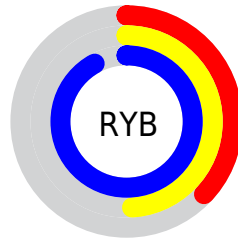
The Hex color **5E87EB** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **EBC25E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9ABCFF**, and **0A56B3** is the 20% darker color. If you saturate the color by 10%, you get **4776EB**, and if you desaturate by 10%, it is **7698EB**.

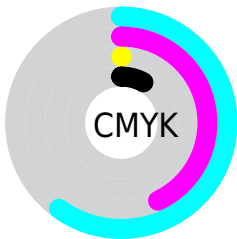
Distribution



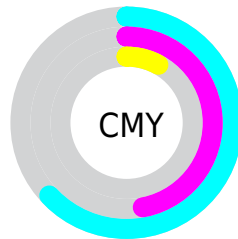
- Red (37%)
- Green (53%)
- Blue (92%)



- Red (37%)
- Yellow (49%)
- Blue (92%)



- Cyan (60%)
- Magenta (43%)
- Yellow (0%)
- Black (8%)



- Cyan (63%)
- Magenta (47%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E87EB 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 5E87EB by changing the saturation by 10% instead.

■ 5E87EB

■ 5E87EB

FFFFFF

■ 3D6ECE

■ 9ABCFF

■ 0A56B3

■ B8D7FF

■ 003F97

■ D6F4FF

■ 002A7D

■ F4FFFF

■ 001863

■ 00044B

■ 000433

■ 00021D

■ 000000

■ 5E87EB

■ 5E87EB

■ 4776EB

■ 7698EB

■ 2F66EB

■ 8DA8EB

■ 1755EB

■ A4B9EB

■ 0044EB

■ BCCAEB

■ D3DAEB

■ EBEBEB

■ FFFCEB

■ FFFFEB

Harmonies

Analogous

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



0097EC



5E87EB



AF72D0

Triad

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



5E87EB



D86C44



00A171

Complementary

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



5E87EB



EBC25E

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.



519B41



5E87EB



B88022

Square

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



5E87EB



E65D72



8B911F



00A3A5

Rectangle

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



5E87EB



CF64B4



8B911F



00A060

Sweetspot

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



5E87EB



D1DEFF



5EEBC1



636C80



000000



808080

Same Dimension

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



5E87EB



477DFF



7A5EEB



6A6D75



0035B5



001036

Inverse Universe

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



EB5E87



FF477D



CFEB5E



756A6D



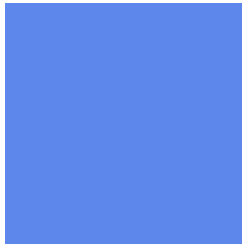
B50035



360010

Previews

White Background



This preview shows how the Hex color 5E87EB looks on a white background.

Color Contrast Check

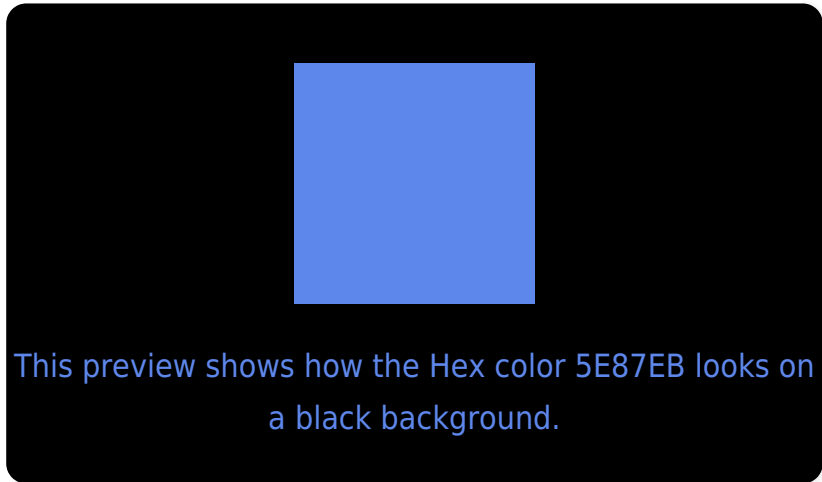
Large Text (above 18pt) WCAG AA ✓ Pass

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

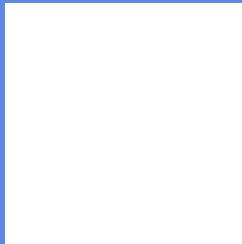
Any Text WCAG AAA × Fail

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

Hex 5E87EB Background



This preview shows how black text looks on a background with the Hex color 5E87EB.



This preview shows how white text looks on a background with the Hex color 5E87EB.

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](#).

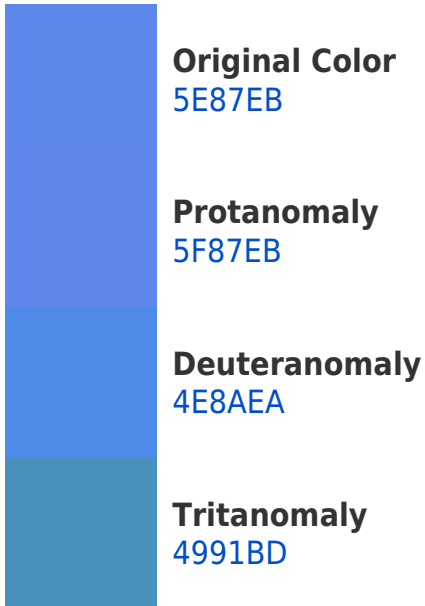
Dichromacy



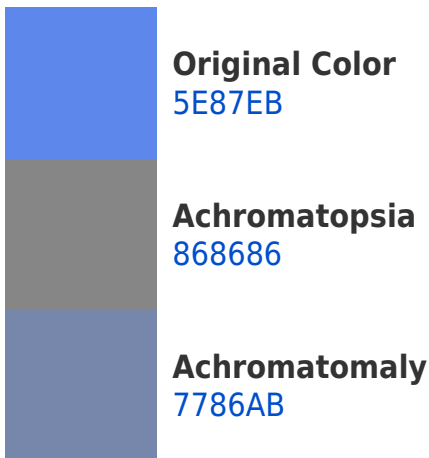


Tritanopia
3D97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E87EB 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 #5E87EB looks like.

```
.text, #text, p{  
  color:#5E87EB  
}
```

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 #5E87EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E87EB
}
```

Border

The CSS property to change the border of an element to Hex 5E87EB 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
#5E87EB }
```

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

```
.border{ border-color:#5E87EB }
```

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

Here you see how a box with a 4 pixel #5E87EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E87EB; -webkit-box-shadow:4px 4px  
4px 4px #5E87EB; box-shadow:4px 4px 4px  
4px #5E87EB }
```

Background

The CSS property to change the background color of an element to Hex 5E87EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E87EB }
```

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

```
.background{ background-color:#5E87EB }
```

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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