

Converting Colors

Hex(5F9ED6)

Have a look what the booklet for
Hex(5F9ED6) contains.

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Color

Hex(5F9ED6)

Conversions

Conversions Part 1

Format	Color
Hex	5F9ED6
RGB	95, 158, 214
RGB Percent	37%, 62%, 84%
CMY	0.6275, 0.3804, 0.1608
CMYK	0.56, 0.26, 0.00, 0.16
HSL	208°, 59%, 61%
HSV	208°, 56%, 84%
XYZ	29.0838, 31.7417, 68.2122
YIQ	145.5470, -55.5240, 4.0600

Conversions

Conversions Part 2

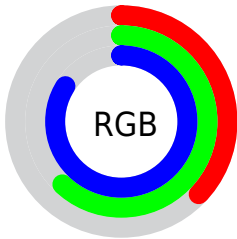
Format	Color
R _Y B	95, 136, 214
Decimal	6266582
CIE Lab	63.13, -4.14, -34.70
CIE LCh	63, 34.949, 263.194
Yxy	31.7417, 0.2254, 0.2460
Android (android.graphics.Color)	4284456662 (0xFF5F9ED6)
YUV	145.5470, 33.7473, -44.3297
Hunter-Lab	56.3397, -6.4490, -32.3464

Details

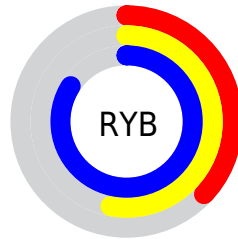
The Hex color **5F9ED6** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **D6975F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **99D4FF**, and **1C6B9F** is the 20% darker color. If you saturate the color by 10%, you get **4A94D6**, and if you desaturate by 10%, it is **74A8D6**.

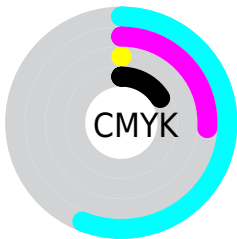
Distribution



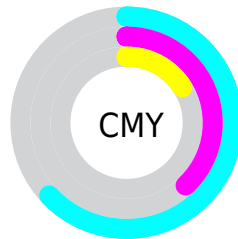
- Red (37%)
- Green (62%)
- Blue (84%)



- Red (37%)
- Yellow (53%)
- Blue (84%)



- Cyan (56%)
- Magenta (26%)
- Yellow (0%)
- Black (16%)



- Cyan (63%)
- Magenta (38%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F9ED6 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 5F9ED6 by changing the saturation by 10% instead.

■ 5F9ED6

■ 5F9ED6

FFFFFF

■ 4184BA

■ 99D4FF

■ 1C6B9F

■ B6F1FF

■ 005385

■ D3FFFF

■ 003C6B

■ F1FFFF

■ 002753

■ 00123B

■ 000225

■ 00010D

■ 000000

■ 5F9ED6

■ 5F9ED6

■ 4A94D6

■ 74A8D6

■ 348AD6

■ 8AB2D6

■ 1F80D6

■ 9FBCD6

■ 0976D6

■ B5C6D6

■ 0071D6

■ CAD0D6

■ DFDAD6

■ F5E4D6

■ FFEFD6

■ FFF9D6

Harmonies

Analogous

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



25A6CA



5F9ED6



9293D2

Triad

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



5F9ED6



D58282



71A573

Complementary

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



5F9ED6



D6975F

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.



959E5F



5F9ED6



CB8A68

Square

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



5F9ED6



D081A1



B4945B



47A990

Rectangle

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



5F9ED6



AE8CC6



B4945B



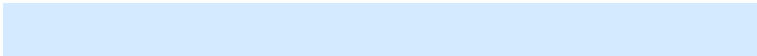
7DA36A

Sweetspot

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



5F9ED6



D4EBFF



5FD697



667480



000000



808080

Same Dimension

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



5F9ED6



54AFFF



5F63D6



60666B



005AAB



00172B

Inverse Universe

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



D65F9E



FF54AF



D6D25F



6B6066



AB005A



2B0017

Previews

White Background



This preview shows how the Hex color 5F9ED6 looks on a white background.

Color Contrast Check

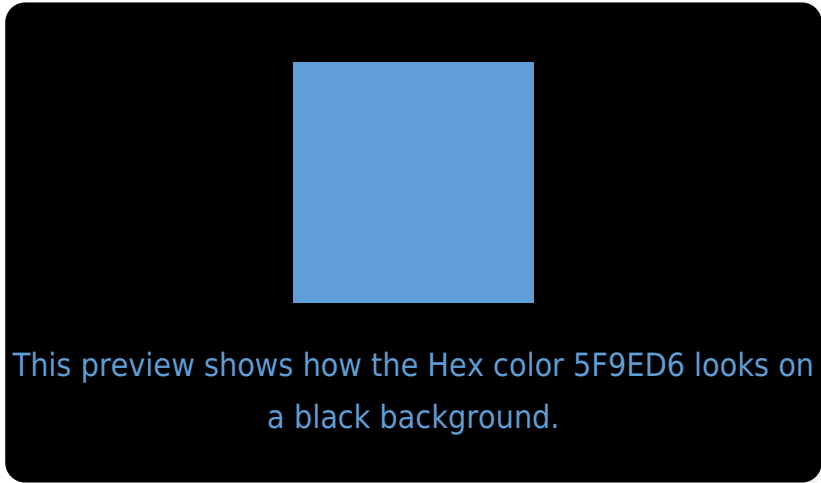
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

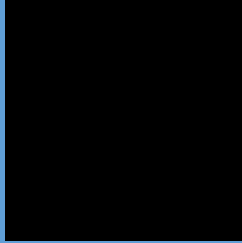
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 5F9ED6 Background



This preview shows how black text looks on a background with the Hex color 5F9ED6.

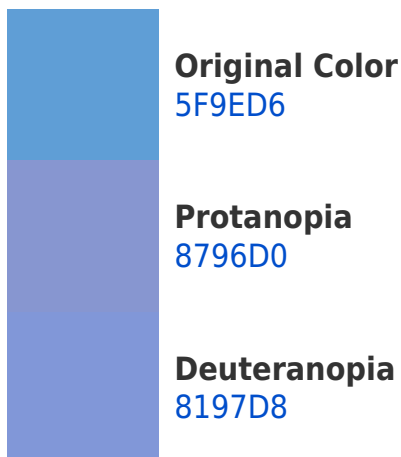


This preview shows how white text looks on a background with the Hex color 5F9ED6.

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](#).

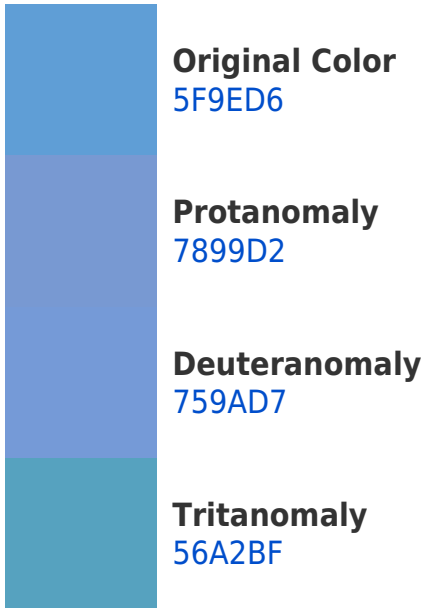
Dichromacy



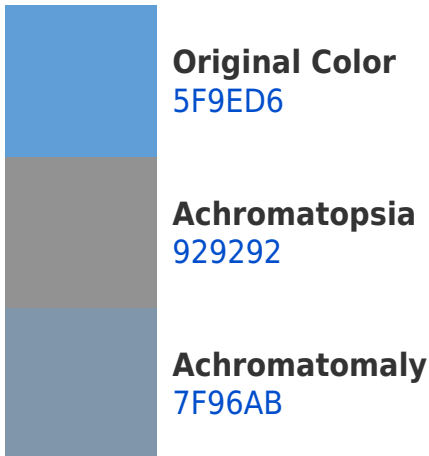


Tritanopia
51A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F9ED6 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 #5F9ED6 looks like.

```
.text, #text, p{  
    color:#5F9ED6  
}
```

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 #5F9ED6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9ED6  
}
```

Border

The CSS property to change the border of an element to Hex 5F9ED6 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  
#5F9ED6 }
```

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

```
.border{ border-color:#5F9ED6 }
```

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

Here you see how a box with a 4 pixel #5F9ED6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9ED6; -webkit-box-shadow:4px 4px  
4px 4px #5F9ED6; box-shadow:4px 4px 4px  
4px #5F9ED6 }
```

Background

The CSS property to change the background color of an element to Hex 5F9ED6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9ED6 }
```

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

```
.background{ background-color:#5F9ED6 }
```

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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