

Converting Colors

Hex(5F99DB)

Have a look what the booklet for
Hex(5F99DB) contains.

Hex(5F99DB)	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(5F99DB)

Conversions

Conversions Part 1

Format	Color
Hex	5F99DB
RGB	95, 153, 219
RGB Percent	37%, 60%, 86%
CMY	0.6275, 0.4000, 0.1412
CMYK	0.57, 0.30, 0.00, 0.14
HSL	212°, 63%, 62%
HSV	212°, 57%, 86%
XYZ	28.8967, 30.3298, 71.3491
YIQ	143.1820, -55.7540, 8.2300

Conversions

Conversions Part 2

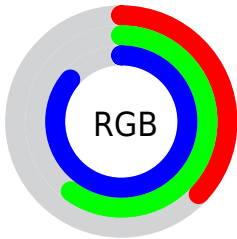
Format	Color
R_{YB}	95, 135, 219
Decimal	6265307
CIE _{Lab}	61.94, 0.27, -39.34
CIE _{LCh}	62, 39.341, 270.391
Yxy	30.3298, 0.2213, 0.2323
Android (android.graphics.Color)	4284455387 (0xFF5F99DB)
YUV	143.1820, 37.3783, -42.2556
Hunter-Lab	55.0725, -2.7174, -38.2622

Details

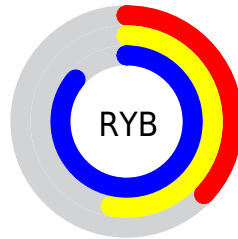
The Hex color **5F99DB** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **DBA15F**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **99CFFF**, and **1A66A4** is the 20% darker color. If you saturate the color by 10%, you get **498DDB**, and if you desaturate by 10%, it is **75A5DB**.

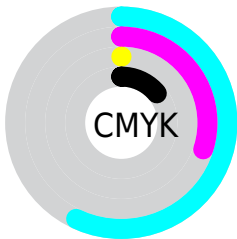
Distribution



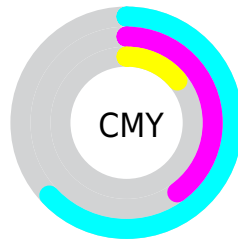
- Red (37%)
- Green (60%)
- Blue (86%)



- Red (37%)
- Yellow (53%)
- Blue (86%)



- Cyan (57%)
- Magenta (30%)
- Yellow (0%)
- Black (14%)



- Cyan (63%)
- Magenta (40%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F99DB 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 5F99DB by changing the saturation by 10% instead.

■ 5F99DB

■ 5F99DB

FFFFFF

■ 407FBF

■ 99CFFF

■ 1A66A4

■ B6EBFF

■ 004F89

■ D4FFFF

■ 00386F

■ F2FFFF

■ 002357

■ 000D3F

■ 000328

■ 000112

■ 000000

■ 5F99DB

■ 5F99DB

■ 498DDB

■ 75A5DB

■ 3382DB

■ 8BB0DB

■ 1D76DB

■ A1BCDB

■ 076ADB

■ B7C8DB

■ 0066DB

■ CCD3DB

■ E2DFDB

■ F8EBDB

■ FFF6DB

■ FFFFDB

Harmonies

Analogous

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



00A2D1



5F99DB



998CD2

Triad

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



5F99DB



D77D74



5CA572

Complementary

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



5F99DB



DBA15F

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.



879E58



5F99DB



C7875A

Square

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



5F99DB



D67A97



AB944F



1BA895

Rectangle

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



5F99DB



B684C2



AB944F



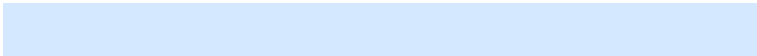
6CA368

Sweetspot

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



5F99DB



D4E8FF



5FDB9F



667280



000000



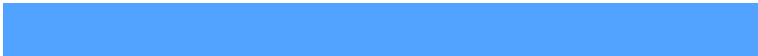
808080

Same Dimension

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



5F99DB



52A3FF



615FDB



63686E



0051AD



00152E

Inverse Universe

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



DB5F99



FF52A3



D9DB5F



6E6368



AD0051



2E0015

Previews

White Background



This preview shows how the Hex color 5F99DB looks on a white background.

Color Contrast Check

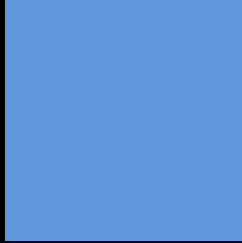
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5F99DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

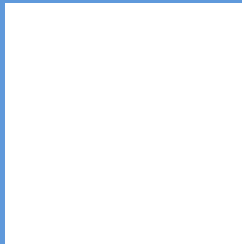
Any Text WCAG AAA ✓ Pass

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

Hex 5F99DB Background



This preview shows how black text looks on a background with the Hex color 5F99DB.

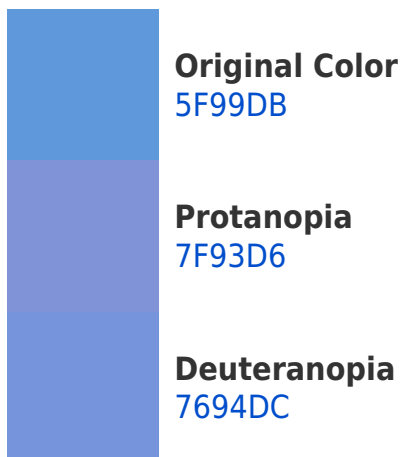


This preview shows how white text looks on a background with the Hex color 5F99DB.

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](#).

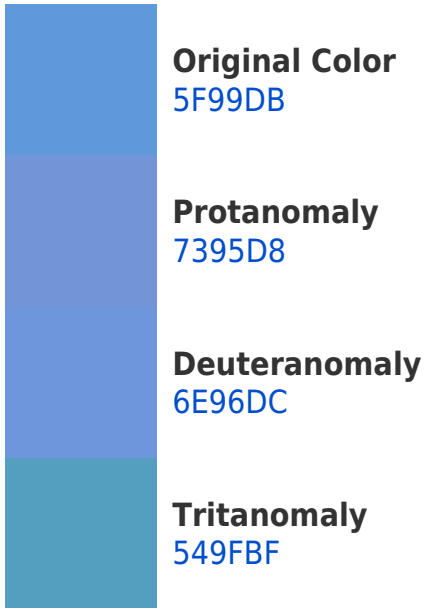
Dichromacy



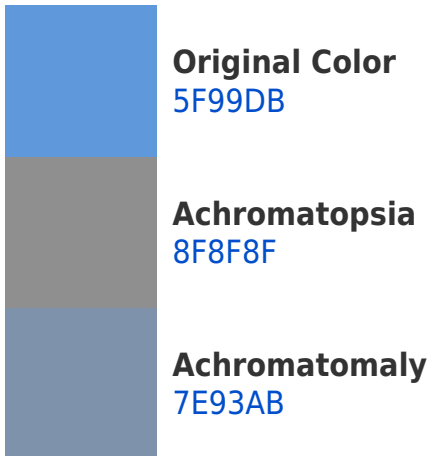


Tritanopia
4DA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F99DB 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 #5F99DB looks like.

```
.text, #text, p{  
    color:#5F99DB  
}
```

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 #5F99DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F99DB
}
```

Border

The CSS property to change the border of an element to Hex 5F99DB 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
#5F99DB }
```

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

```
.border{ border-color:#5F99DB }
```

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

Here you see how a box with a 4 pixel #5F99DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F99DB; -webkit-box-shadow:4px 4px  
4px 4px #5F99DB; box-shadow:4px 4px 4px  
4px #5F99DB }
```

Background

The CSS property to change the background color of an element to Hex 5F99DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F99DB }
```

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

```
.background{ background-color:#5F99DB }
```

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