

Converting Colors

Hex(5F9DB9)

Have a look what the booklet for
Hex(5F9DB9) contains.

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Color

Hex(5F9DB9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5F9DB9 |
| RGB | 95, 157, 185 |
| RGB Percent | 37%, 62%, 73% |
| CMY | 0.6275, 0.3843, 0.2745 |
| CMYK | 0.49, 0.15, 0.00, 0.27 |
| HSL | 199°, 39%, 55% |
| HSV | 199°, 49%, 73% |
| XYZ | 25.5332, 30.0496, 50.3534 |
| YIQ | 141.6540, -45.9400, -4.4360 |

Conversions

Conversions Part 2

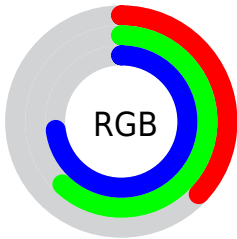
| Format | Color |
|-------------------------------------|---|
| RYB | 95, 132, 185 |
| Decimal | 6266297 |
| CIELab | 61.70, -12.28, -20.70 |
| CIELCh | 62, 24.071, 239.325 |
| Yxy | 30.0496, 0.2410, 0.2837 |
| Android (android.graphics.Color) | 4284456377 (0xFF5F9DB9) |
| YUV | 141.6540, 21.3696, -40.9156 |
| Hunter-Lab | 54.8175, -12.7879, -16.0893 |

Details

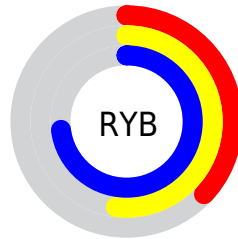
The Hex color **5F9DB9** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B97B5F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **96D4F1**, and **256A84** is the 20% darker color. If you saturate the color by 10%, you get **4D97B9**, and if you desaturate by 10%, it is **72A3B9**.

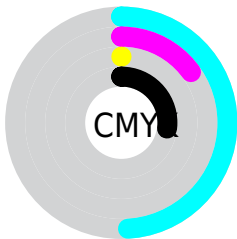
Distribution



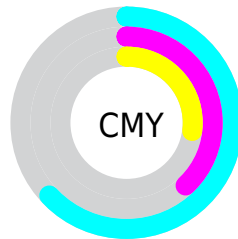
- Red (37%)
- Green (62%)
- Blue (73%)



- Red (37%)
- Yellow (52%)
- Blue (73%)



- Cyan (49%)
- Magenta (15%)
- Yellow (0%)
- Black (27%)



- Cyan (63%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F9DB9 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 5F9DB9 by changing the saturation by 10% instead.

■ 5F9DB9

■ 5F9DB9

FFFFFF

■ 43839E

■ 96D4F1

■ 256A84

■ B2F0FF

■ 00526B

■ CFFFFF

■ 003A52

■ ECFFFF

■ 00253B

■ 000E26

■ 00010F

■ 000000

■ 5F9DB9

■ 5F9DB9

■ 4D97B9

■ 72A3B9

■ 3A91B9

■ 84A9B9

■ 288CB9

■ 97AEB9

■ 1586B9

■ A9B4B9

■ 0380B9

■ BCBAB9

■ 007FB9

■ CEC0B9

■ E1C5B9

■ F3CBB9

■ FFD1B9

Harmonies

Analogous

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



55A0A9



5F9DB9



7A97BF

Triad

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



5F9DB9



BE8696



8E9A6F

Complementary

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



5F9DB9



B97B5F

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.



A5936A



5F9DB9



C08781

Square

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



5F9DB9



B089AB



B68C71



769F7F

Rectangle

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



5F9DB9



8E92BD



B68C71



96986D

Sweetspot

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



5F9DB9



CCE5F0



5FB97A



627178



F7F7F7



787878

Same Dimension

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



5F9DB9



65C4F0



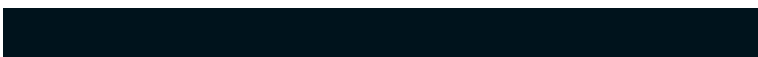
5F71B9



53595C



006B9C



00131C

Inverse Universe

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



B95F9D



F065C4



B9A75F



5C5359



9C006B



1C0013

Previews

White Background



This preview shows how the Hex color 5F9DB9 looks on a white background.

Color Contrast Check

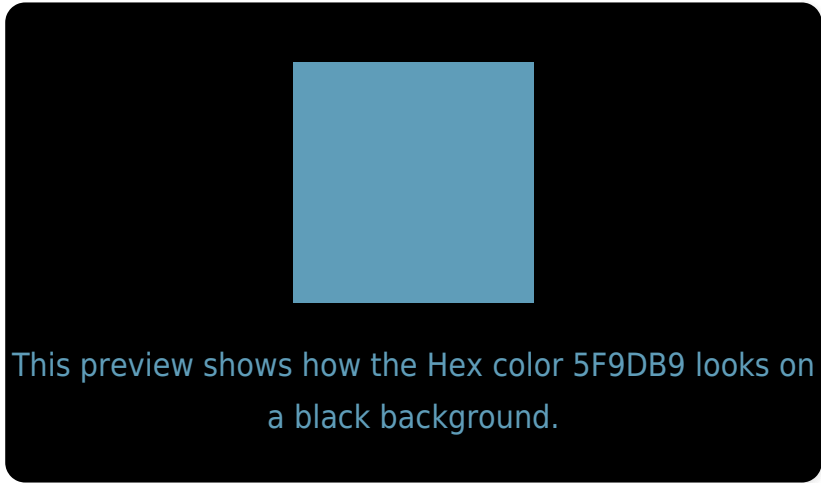
Large Text (above 18pt) WCAG AA ✓ Pass

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

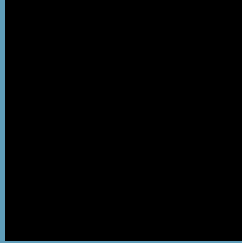
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 5F9DB9 Background



This preview shows how black text looks on a background with the Hex color 5F9DB9.



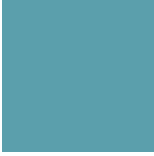
This preview shows how white text looks on a background with the Hex color 5F9DB9.

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](#).

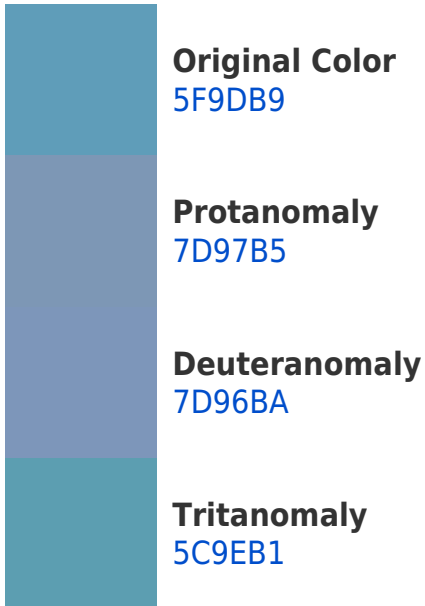
Dichromacy



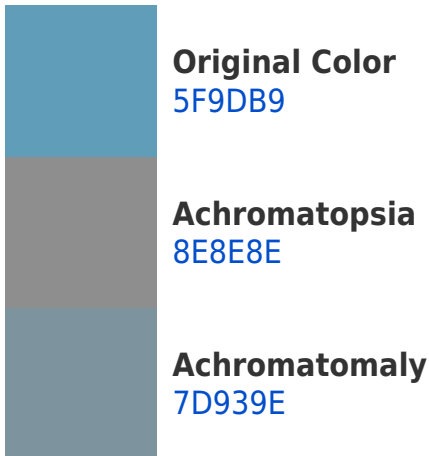


Tritanopia
5B9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F9DB9 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 #5F9DB9 looks like.

```
.text, #text, p{  
    color:#5F9DB9  
}
```

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 #5F9DB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9DB9
}
```

Border

The CSS property to change the border of an element to Hex 5F9DB9 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
#5F9DB9 }
```

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

```
.border{ border-color:#5F9DB9 }
```

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

Here you see how a box with a 4 pixel #5F9DB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9DB9; -webkit-box-shadow:4px 4px  
4px 4px #5F9DB9; box-shadow:4px 4px 4px  
4px #5F9DB9 }
```

Background

The CSS property to change the background color of an element to Hex 5F9DB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9DB9 }
```

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

```
.background{ background-color:#5F9DB9 }
```

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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