

Converting Colors

Hex(5F89D2)

Have a look what the booklet for
Hex(5F89D2) contains.

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Color

Hex(5F89D2)

Conversions

Conversions Part 1

Format	Color
Hex	5F89D2
RGB	95, 137, 210
RGB Percent	37%, 54%, 82%
CMY	0.6275, 0.4627, 0.1765
CMYK	0.55, 0.35, 0.00, 0.18
HSL	218°, 56%, 60%
HSV	218°, 55%, 82%
XYZ	25.2978, 24.9774, 64.4605
YIQ	132.7640, -48.4650, 13.7990

Conversions

Conversions Part 2

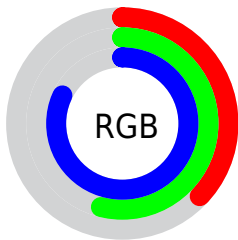
Format	Color
R_{YB}	95, 126, 210
Decimal	6261202
CIE _{Lab}	57.05, 6.74, -41.98
CIE _{LCh}	57, 42.519, 279.123
Yxy	24.9774, 0.2205, 0.2177
Android (android.graphics.Color)	4284451282 (0xFF5F89D2)
YUV	132.7640, 38.0773, -33.1190
Hunter-Lab	49.9774, 2.8938, -41.4878

Details

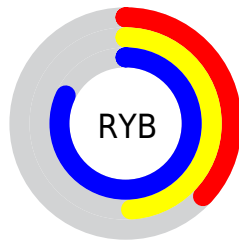
The Hex color **5F89D2** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **D2A85F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **98BEFF**, and **1E589B** is the 20% darker color. If you saturate the color by 10%, you get **4A7CD2**, and if you desaturate by 10%, it is **7496D2**.

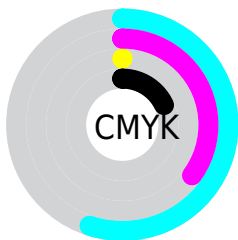
Distribution



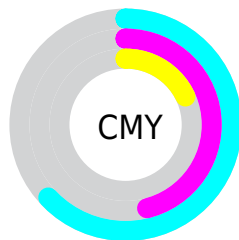
- Red (37%)
- Green (54%)
- Blue (82%)



- Red (37%)
- Yellow (49%)
- Blue (82%)



- Cyan (55%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



- Cyan (63%)
- Magenta (46%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F89D2 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 5F89D2 by changing the saturation by 10% instead.

■ 5F89D2

■ 5F89D2

FFFFFF

■ 4170B6

■ 98BEFF

■ 1E589B

■ B5DAFF

■ 004181

■ D2F6FF

■ 002B67

■ F0FFFF

■ 00184F

■ 000537

■ 000221

■ 000006

■ 000000

■ 5F89D2

■ 5F89D2

■ 4A7CD2

■ 7496D2

■ 356ED2

■ 89A4D2

■ 2061D2

■ 9EB1D2

■ 0B54D2

■ B3BED2

■ 004DD2

■ C8CCD2

■ DDD9D2

■ F2E6D2

■ FFF4D2

■ FFFF2

Harmonies

Analogous

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



0094CE



5F89D2



9B7BC3

Triad

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



5F89D2



C9715C



369A6D

Complementary

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



5F89D2



D2A85F

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.



6C944D



5F89D2



B47E43

Square

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



5F89D2



CF6A7F



948B3D



009C93

Rectangle

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



5F89D2



B672B0



948B3D



4B9861

Sweetspot

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



5F89D2



D6E5FF



5FD2A8



677080



000000



808080

Same Dimension

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



5F89D2



5794FF



6E5FD2



5E6269



003DA8



000F29

Inverse Universe

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



D25F89



FF5794



C3D25F



695E62



A8003D



29000F

Previews

White Background



This preview shows how the Hex color 5F89D2 looks on a white background.

Color Contrast Check

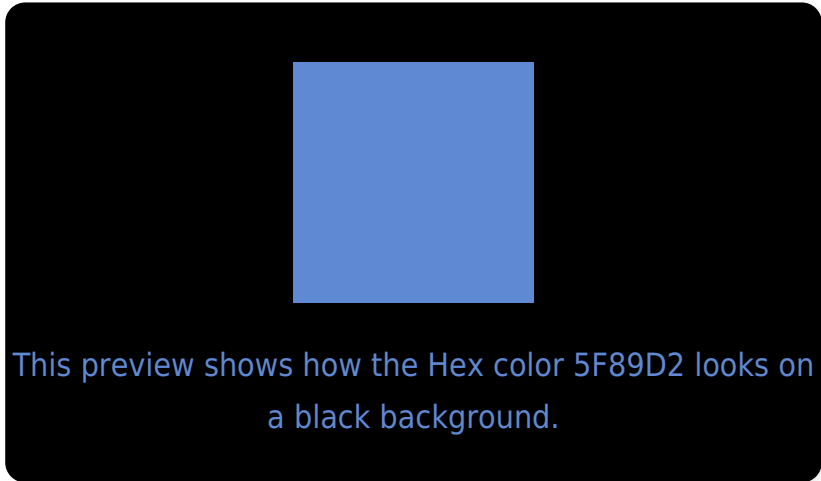
Large Text (above 18pt) WCAG AA ✓ Pass

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

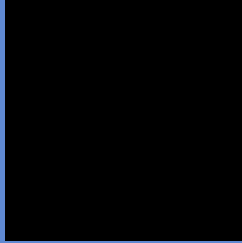
Any Text WCAG AA ✓ Pass

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 5F89D2 Background



This preview shows how black text looks on a background with the Hex color 5F89D2.

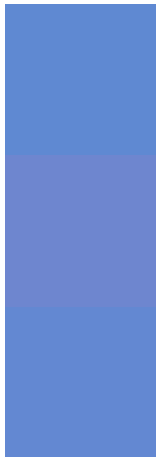


This preview shows how white text looks on a background with the Hex color 5F89D2.

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



Original Color
5F89D2

Protanopia
6E86CF

Deuteranopia
6388D2



Tritanopia
4C939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F89D2 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 #5F89D2 looks like.

```
.text, #text, p{  
    color:#5F89D2  
}
```

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 #5F89D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F89D2
}
```

Border

The CSS property to change the border of an element to Hex 5F89D2 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
#5F89D2 }
```

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

```
.border{ border-color:#5F89D2 }
```

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

Here you see how a box with a 4 pixel #5F89D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F89D2; -webkit-box-shadow:4px 4px  
4px 4px #5F89D2; box-shadow:4px 4px 4px  
4px #5F89D2 }
```

Background

The CSS property to change the background color of an element to Hex 5F89D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F89D2 }
```

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

```
.background{ background-color:#5F89D2 }
```

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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