

Converting Colors

Hex(5893DF)

Have a look what the booklet for
Hex(5893DF) contains.

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Color

Hex(5893DF)

Conversions

Conversions Part 1

Format	Color
Hex	5893DF
RGB	88, 147, 223
RGB Percent	35%, 58%, 87%
CMY	0.6549, 0.4235, 0.1255
CMYK	0.61, 0.34, 0.00, 0.13
HSL	214°, 68%, 61%
HSV	214°, 61%, 87%
XYZ	27.7775, 28.2699, 73.8046
YIQ	138.0230, -59.5600, 11.1280

Conversions

Conversions Part 2

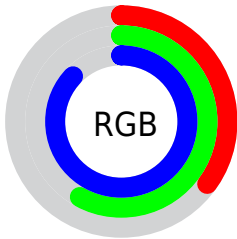
Format	Color
R _Y B	88, 129, 223
Decimal	5805023
CIE Lab	60.13, 3.65, -44.42
CIE LCh	60, 44.575, 274.703
Yxy	28.2699, 0.2139, 0.2177
Android (android.graphics.Color)	4283995103 (0xFF5893DF)
YUV	138.0230, 41.8937, -43.8702
Hunter-Lab	53.1694, 0.2080, -45.0821

Details

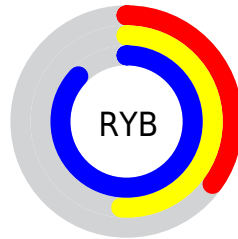
The Hex color **5893DF** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **DFA458**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **94C9FF**, and **0061A7** is the 20% darker color. If you saturate the color by 10%, you get **4286DF**, and if you desaturate by 10%, it is **6EA0DF**.

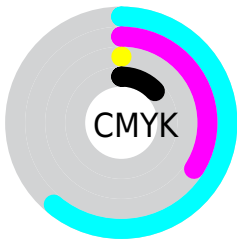
Distribution



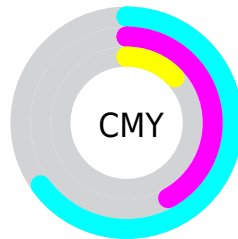
- Red (35%)
- Green (58%)
- Blue (87%)



- Red (35%)
- Yellow (51%)
- Blue (87%)



- Cyan (61%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)



- Cyan (65%)
- Magenta (42%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5893DF 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 5893DF by changing the saturation by 10% instead.

■ 5893DF

■ 5893DF

FFFFFF

■ 3779C3

■ 94C9FF

■ 0061A7

■ B1E5FF

■ 004A8D

■ CFFFFF

■ 003373

■ EDFFFF

■ 001F5A

■ 000542

■ 00032B

■ 000115

■ 000000

■ 5893DF

■ 5893DF

■ 4286DF

■ 6EA0DF

■ 2B7ADF

■ 85ACDF

■ 156DDF

■ 9BB9DF

■ 0061DF

■ B1C5DF

■ C8D2DF

■ DEDEDF

■ F4EBDF

■ FFF7DF

■ FFFFDF

Harmonies

Analogous

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



009ED7



5893DF



9C84D2

Triad

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



5893DF



D77566



44A26E

Complementary

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



5893DF



DFA458

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.



799C4E



5893DF



C3834A

Square

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



5893DF



DA708C



A29140



00A596

Rectangle

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



5893DF



BB7ABF



A29140



58A062

Sweetspot

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



5893DF



D1E5FF



58DFA2



637080



000000



808080

Same Dimension

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



5893DF



4596FF



5F58DF



656A70



004DB0



001530

Inverse Universe

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



DF5893



FF4596



D8DF58



70656A



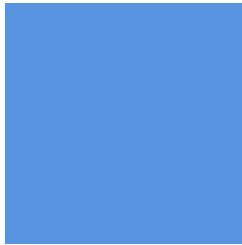
B0004D



300015

Previews

White Background



This preview shows how the Hex color 5893DF looks on a white background.

Color Contrast Check

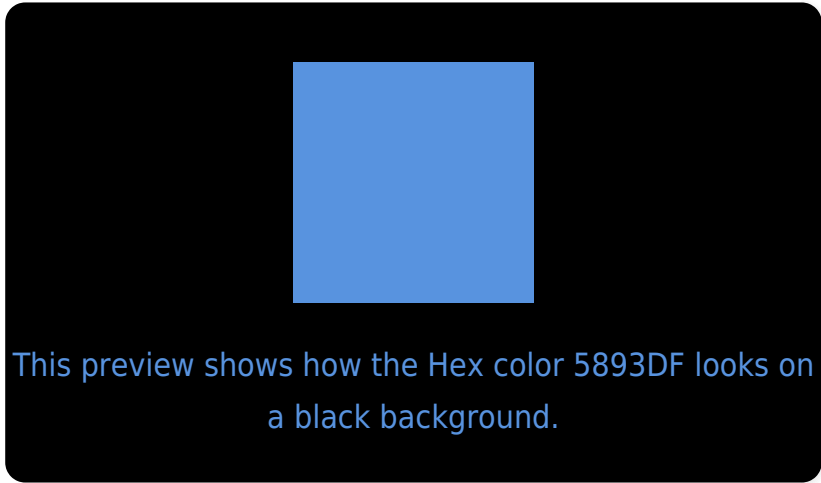
Large Text (above 18pt) WCAG AA ✓ Pass

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

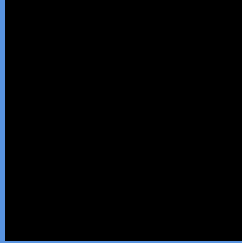
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

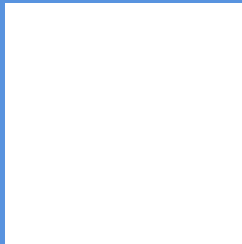
Any Text WCAG AAA × Fail

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

Hex 5893DF Background



This preview shows how black text looks on a background with the Hex color 5893DF.

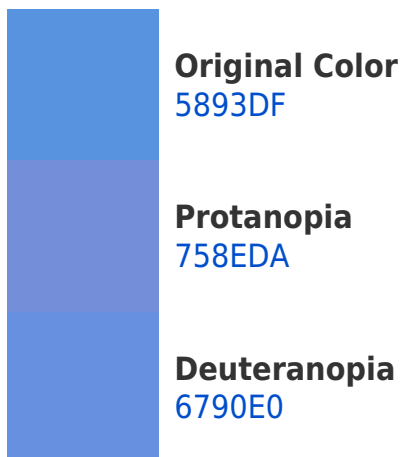


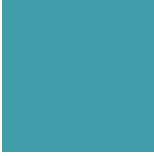
This preview shows how white text looks on a background with the Hex color 5893DF.

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](#).

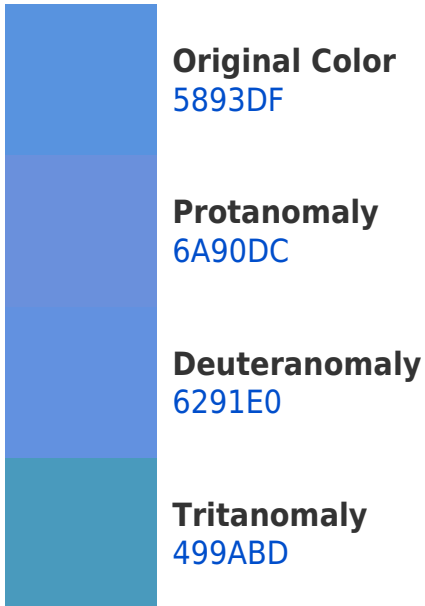
Dichromacy



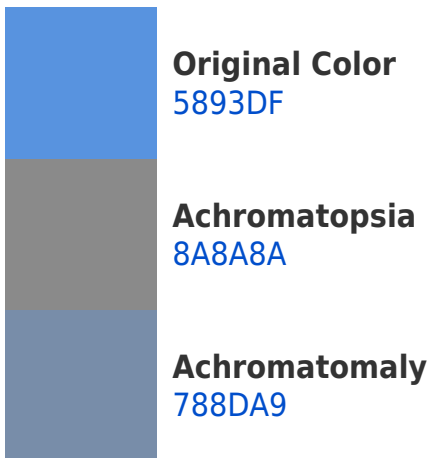


Tritanopia
409EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5893DF 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 #5893DF looks like.

```
.text, #text, p{  
    color:#5893DF  
}
```

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 #5893DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5893DF
}
```

Border

The CSS property to change the border of an element to Hex 5893DF 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
#5893DF }
```

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

```
.border{ border-color:#5893DF }
```

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

Here you see how a box with a 4 pixel #5893DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5893DF; -webkit-box-shadow:4px 4px  
4px 4px #5893DF; box-shadow:4px 4px 4px  
4px #5893DF }
```

Background

The CSS property to change the background color of an element to Hex 5893DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5893DF }
```

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

```
.background{ background-color:#5893DF }
```

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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