

Converting Colors

Hex(5199DF)

Have a look what the booklet for
Hex(5199DF) contains.

Hex(5199DF)	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(5199DF)

Conversions

Conversions Part 1

Format	Color
Hex	5199DF
RGB	81, 153, 223
RGB Percent	32%, 60%, 87%
CMY	0.6824, 0.4000, 0.1255
CMYK	0.64, 0.31, 0.00, 0.13
HSL	210°, 69%, 60%
HSV	210°, 64%, 87%
XYZ	28.1039, 29.8595, 74.0943
YIQ	139.4520, -65.3820, 6.5060

Conversions

Conversions Part 2

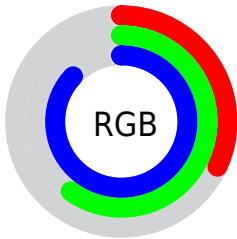
Format	Color
R _Y B	81, 129, 223
Decimal	5347807
CIE Lab	61.53, -1.09, -42.24
CIE LCh	62, 42.253, 268.522
Yxy	29.8595, 0.2128, 0.2261
Android (android.graphics.Color)	4283537887 (0xFF5199DF)
YUV	139.4520, 41.1892, -51.2624
Hunter-Lab	54.6439, -3.8225, -42.1435

Details

The Hex color **5199DF** 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 **DF9751**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8ECFFF**, and **0066A7** is the 20% darker color. If you saturate the color by 10%, you get **3B8EDF**, and if you desaturate by 10%, it is **67A4DF**.

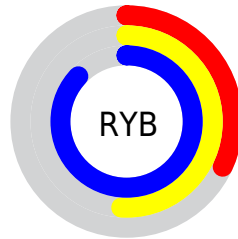
Distribution



Red (32%)

Green (60%)

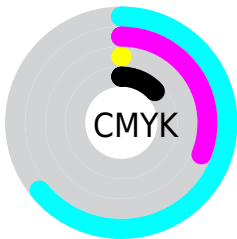
Blue (87%)



Red (32%)

Yellow (51%)

Blue (87%)

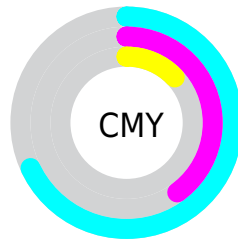


Cyan (64%)

Magenta (31%)

Yellow (0%)

Black (13%)



Cyan (68%)

Magenta (40%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5199DF 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 5199DF by changing the saturation by 10% instead.

■ 5199DF

■ 5199DF

FFFFFF

■ 2D7FC3

■ 8ECFFF

■ 0066A7

■ ACEBFF

■ 004F8D

■ CAFFFF

■ 003873

■ E8FFFF

■ 00235A

■ 000D42

■ 00032B

■ 000115

■ 000000

■ 5199DF

■ 5199DF

■ 3B8EDF

■ 67A4DF

■ 2483DF

■ 7EAFDF

■ 0E78DF

■ 94BADF

■ 0071DF

■ AAC5DF

■ C1D0DF

■ D7DBDF

■ EDE6DF

■ FFF1DF

■ FFFCDF

Harmonies

Analogous

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



00A2D4



5199DF



958CD6

Triad

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



5199DF



DA7973



59A46C

Complementary

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



5199DF



DF9751

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.



879D51



5199DF



CA8456

Square

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



5199DF



D87698



AD9248



00A891

Rectangle

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



5199DF



B582C6



AD9248



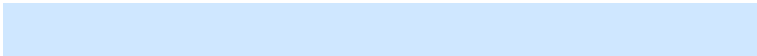
6AA261

Sweetspot

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



5199DF



CFE7FF



51DF96



627180



000000



808080

Same Dimension

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



5199DF



3D9FFF



5153DF



656B70



0059B0



001930

Inverse Universe

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



DF5199



FF3D9F



DFDD51



70656B



B00059



300019

Previews

White Background



This preview shows how the Hex color 5199DF looks on a white background.

Color Contrast Check

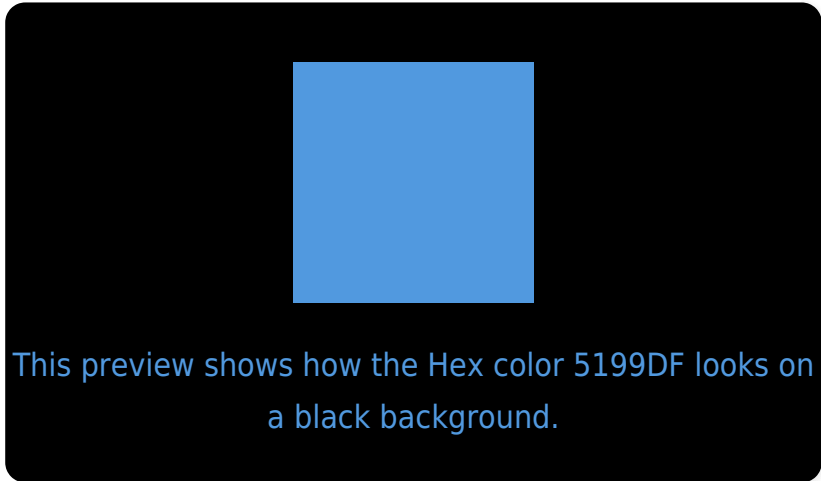
Large Text (above 18pt) WCAG AA ✓ Pass

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

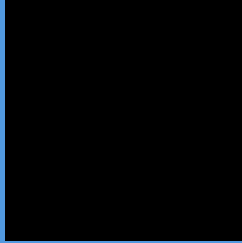
Any Text WCAG AA ✓ Pass

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 5199DF Background



This preview shows how black text looks on a background with the Hex color 5199DF.

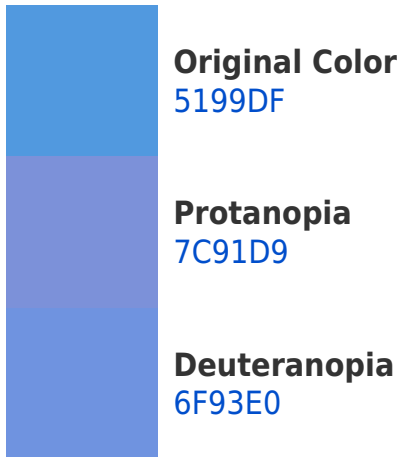


This preview shows how white text looks on a background with the Hex color 5199DF.

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](#).

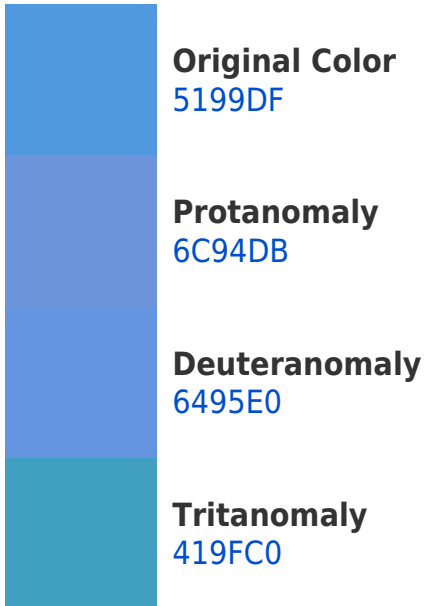
Dichromacy



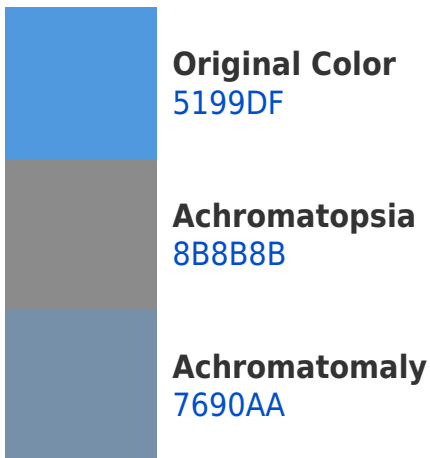


Tritanopia
38A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5199DF 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 #5199DF looks like.

```
.text, #text, p{  
    color:#5199DF  
}
```

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 #5199DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5199DF
}
```

Border

The CSS property to change the border of an element to Hex 5199DF 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
#5199DF }
```

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

```
.border{ border-color:#5199DF }
```

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

Here you see how a box with a 4 pixel #5199DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5199DF; -webkit-box-shadow:4px 4px  
4px 4px #5199DF; box-shadow:4px 4px 4px  
4px #5199DF }
```

Background

The CSS property to change the background color of an element to Hex 5199DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5199DF }
```

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

```
.background{ background-color:#5199DF }
```

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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