

# Converting Colors

Hex(6199DF)

Have a look what the booklet for  
Hex(6199DF) contains.

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**Color**

**Hex(6199DF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6199DF
RGB	97, 153, 223
RGB Percent	38%, 60%, 87%
CMY	0.6196, 0.4000, 0.1255
CMYK	0.57, 0.31, 0.00, 0.13
HSL	213°, 66%, 63%
HSV	213°, 57%, 87%
XYZ	29.6403, 30.6516, 74.1662
YIQ	144.2360, -55.8460, 9.8980

# Conversions

## Conversions Part 2

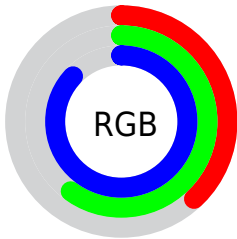
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 136, 223
Decimal	6396383
CIE Lab	62.21, 1.94, -41.12
CIE LCh	62, 41.170, 272.706
Yxy	30.6516, 0.2204, 0.2280
Android (android.graphics.Color)	4284586463 (0xFF6199DF)
YUV	144.2360, 38.8307, -41.4260
Hunter-Lab	55.3639, -1.3228, -40.6710

# Details

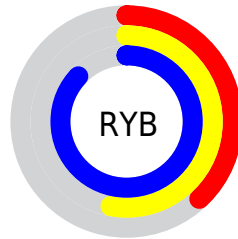
The Hex color **6199DF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DFA761**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **9BCFFF**, and **1C66A7** is the 20% darker color. If you saturate the color by 10%, you get **4B8DDF**, and if you desaturate by 10%, it is **77A5DF**.

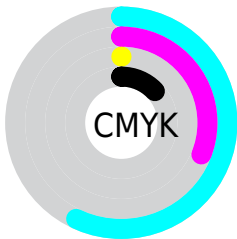
# Distribution



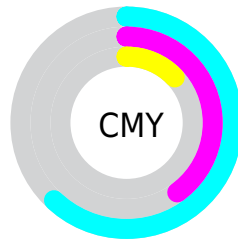
- Red (38%)
- Green (60%)
- Blue (87%)



- Red (38%)
- Yellow (53%)
- Blue (87%)



- Cyan (57%)
- Magenta (31%)
- Yellow (0%)
- Black (13%)



- Cyan (62%)
- Magenta (40%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6199DF 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 6199DF by changing the saturation by 10% instead.



■ 6199DF

■ 6199DF

FFFFFF

■ 427FC3

■ 9BCFFF

■ 1C66A7

■ B9EBFF

■ 004F8D

■ D6FFFF

■ 003873

■ F4FFFF

■ 00235A

■ 000D42

■ 00032B

■ 000115

■ 000000

■ 6199DF

■ 6199DF

■ 4B8DDF

■ 77A5DF

■ 3480DF

■ 8EB2DF

■ 1E74DF

■ A4BEDF

■ 0867DF

■ BACBDF

■ 0063DF

■ D1D7DF

■ E7E3DF

■ FDF0DF

■ FFFCDF

■ FFFFDF

# Harmonies

## Analogous

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



00A3D6



6199DF



9E8CD4

# Triad

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



6199DF



DA7D71



55A674

# Complementary

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



6199DF



DFA761

# 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.



84A057



6199DF



C88856

# Square

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



6199DF



DA7994



AA954C



00A999

# Rectangle

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



6199DF



BB83C3



AA954C



66A569

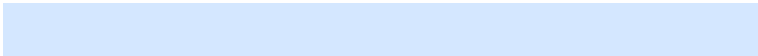


# Sweetspot

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



6199DF



D4E7FF



61DFA6



667180



000000



808080



# Same Dimension

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



6199DF



529FFF



6761DF



656A70



004EB0



001630



# Inverse Universe

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



DF6199



FF529F



D9DF61



70656A



B0004E



300016



# Previews

## White Background



This preview shows how the Hex color 6199DF looks on a white background.

## Color Contrast Check

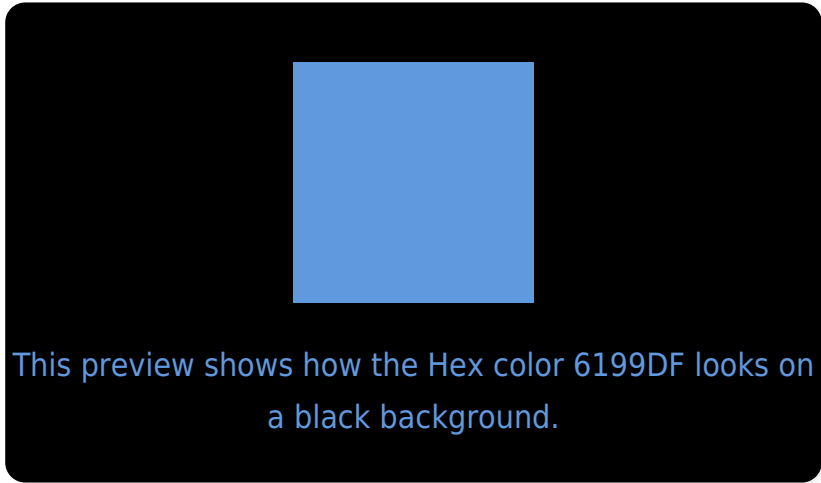
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

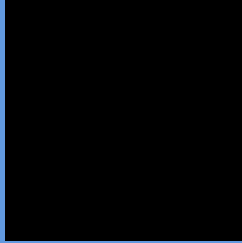
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

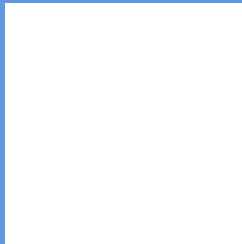
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6199DF Background



This preview shows how black text looks on a background with the Hex color 6199DF.

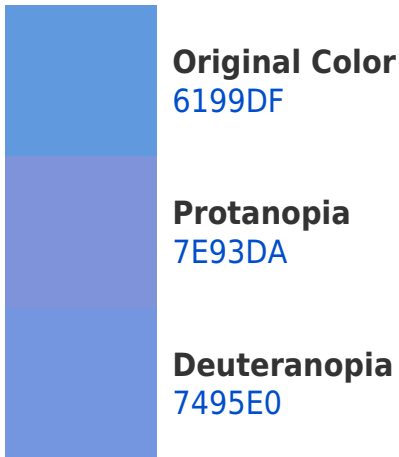


This preview shows how white text looks on a background with the Hex color 6199DF.

# 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](#).

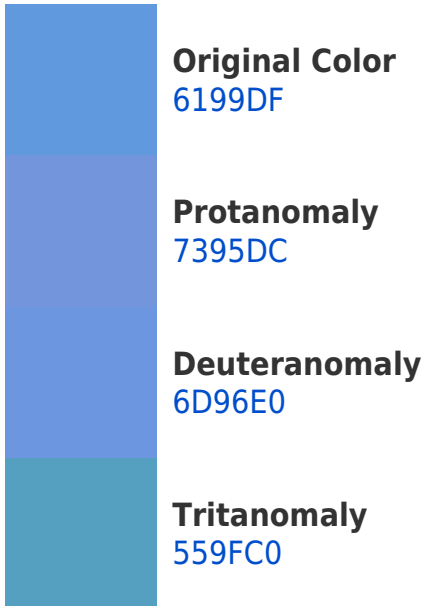
## Dichromacy



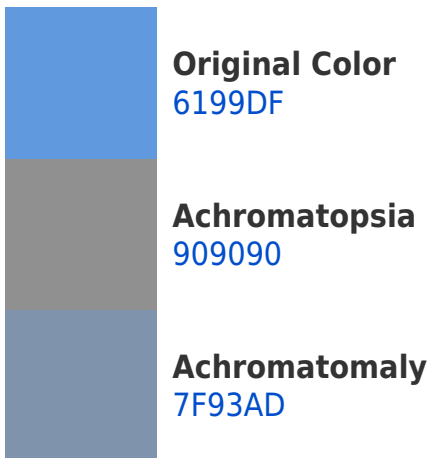


**Tritanopia**  
4EA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6199DF 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 #6199DF looks like.

```
.text, #text, p{  
    color:#6199DF  
}
```

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 #6199DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6199DF
}
```

## Border

The CSS property to change the border of an element to Hex 6199DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

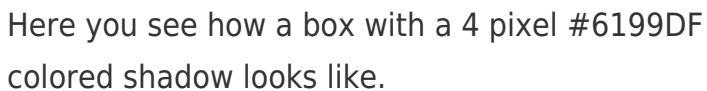
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6199DF }
```

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

```
.border{ border-color:#6199DF }
```

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



Here you see how a box with a 4 pixel #6199DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6199DF; -webkit-box-shadow:4px 4px  
4px 4px #6199DF; box-shadow:4px 4px 4px  
4px #6199DF }
```

# Background

The CSS property to change the background color of an element to Hex 6199DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6199DF }
```

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

```
.background{ background-color:#6199DF }
```

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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