

Converting Colors

Hex(4781DF)

Have a look what the booklet for
Hex(4781DF) contains.

Hex(4781DF)	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(4781DF)

Conversions

Conversions Part 1

Format	Color
Hex	4781DF
RGB	71, 129, 223
RGB Percent	28%, 51%, 87%
CMY	0.7216, 0.4941, 0.1255
CMYK	0.68, 0.42, 0.00, 0.13
HSL	217°, 70%, 58%
HSV	217°, 68%, 87%
XYZ	23.7681, 22.3678, 72.8767
YIQ	122.3740, -64.7420, 16.9380

Conversions

Conversions Part 2

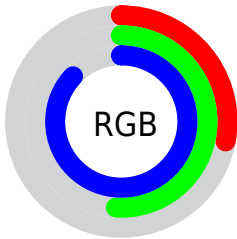
Format	Color
R _Y B	71, 113, 223
Decimal	4686303
CIE Lab	54.42, 11.49, -53.54
CIE LCh	54, 54.762, 282.117
Yxy	22.3678, 0.1997, 0.1879
Android (android.graphics.Color)	4282876383 (0xFF4781DF)
YUV	122.3740, 49.6086, -45.0550
Hunter-Lab	47.2946, 6.9402, -58.2543

Details

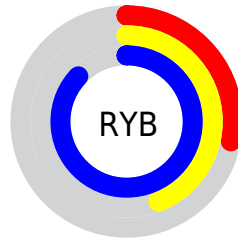
The Hex color **4781DF** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **DFA547**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **86B5FF**, and **0051A7** is the 20% darker color. If you saturate the color by 10%, you get **3173DF**, and if you desaturate by 10%, it is **5D8FDF**.

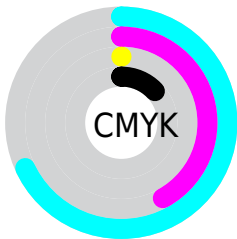
Distribution



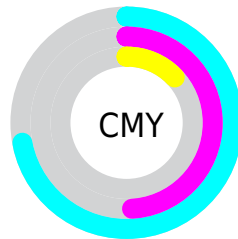
- Red (28%)
- Green (51%)
- Blue (87%)



- Red (28%)
- Yellow (44%)
- Blue (87%)



- Cyan (68%)
- Magenta (42%)
- Yellow (0%)
- Black (13%)



- Cyan (72%)
- Magenta (49%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4781DF 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 4781DF by changing the saturation by 10% instead.

■ 4781DF

■ 4781DF

FFFFFF

■ 1D68C3

■ 86B5FF

■ 0051A7

■ A5D1FF

■ 003A8C

■ C3EDFF

■ 002672

■ E1FFFF

■ 001259

■ 000741

■ 00032A

■ 000114

■ 000000

■ 4781DF

■ 4781DF

■ 3173DF

■ 5D8FDF

■ 1A65DF

■ 749DDF

■ 0458DF

■ 8AAADF

■ 0055DF

■ A0B8DF

■ B7C6DF

■ CDD4DF

■ E3E2DF

■ F9EFDf

■ FFFDDf

Harmonies

Analogous

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



008FDC



4781DF



9D6DC9

Triad

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



4781DF



CE6245



009763

Complementary

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



4781DF



DFA547

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.



549137



4781DF



B27522

Square

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



4781DF



D85571



898619



009995

Rectangle

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



4781DF



BE60AF



898619



119554

Sweetspot

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



4781DF



CCDFFF



47DFA5



616D80



000000



808080

Same Dimension

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



4781DF



2E7EFF



5947DF



656970



0043B0



001230

Inverse Universe

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



DF4781



FF2E7E



CDDF47



706569



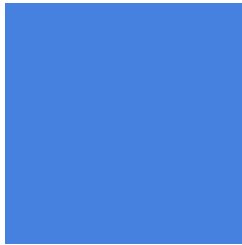
B00043



300012

Previews

White Background



This preview shows how the Hex color 4781DF looks on a white background.

Color Contrast Check

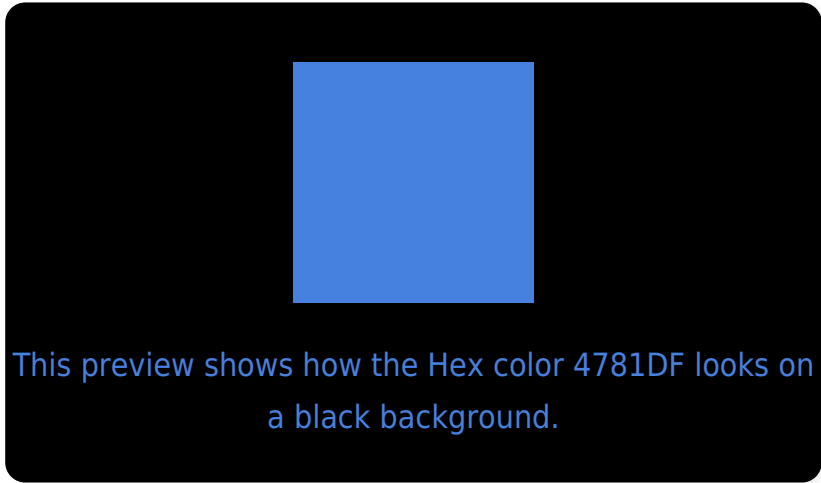
Large Text (above 18pt) WCAG AA ✓ Pass

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

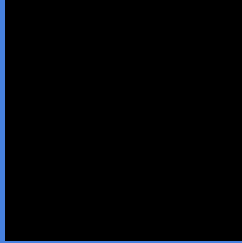
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

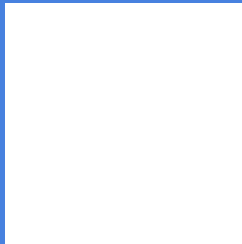
Any Text WCAG AAA × Fail

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

Hex 4781DF Background



This preview shows how black text looks on a background with the Hex color 4781DF.



This preview shows how white text looks on a background with the Hex color 4781DF.

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](#).

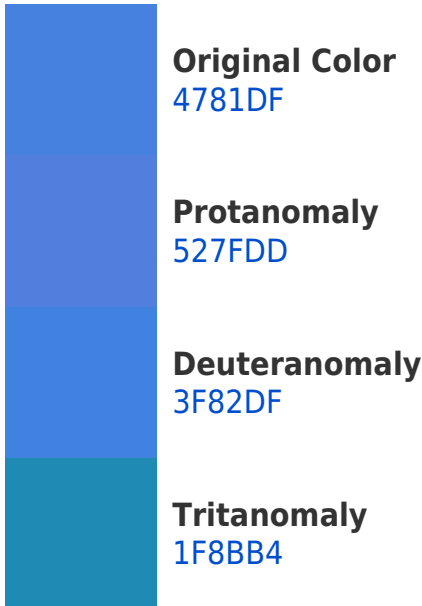
Dichromacy



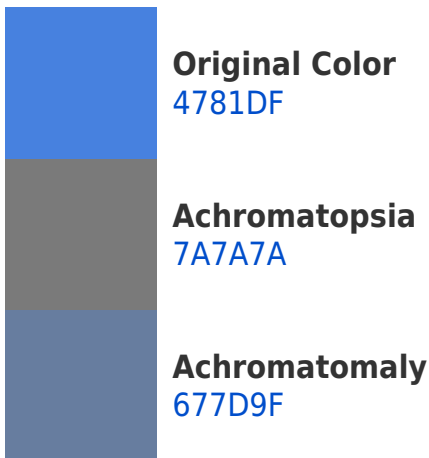


Tritanopia
08909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4781DF 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 #4781DF looks like.

```
.text, #text, p{  
    color:#4781DF  
}
```

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 #4781DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4781DF
}
```

Border

The CSS property to change the border of an element to Hex 4781DF 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
#4781DF }
```

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

```
.border{ border-color:#4781DF }
```

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

Here you see how a box with a 4 pixel #4781DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4781DF; -webkit-box-shadow:4px 4px  
4px 4px #4781DF; box-shadow:4px 4px 4px  
4px #4781DF }
```

Background

The CSS property to change the background color of an element to Hex 4781DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4781DF }
```

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

```
.background{ background-color:#4781DF }
```

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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