

# Converting Colors

Hex(1D79CF)

Have a look what the booklet for  
Hex(1D79CF) contains.

<b>Hex(1D79CF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(1D79CF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D79CF
RGB	29, 121, 207
RGB Percent	11%, 47%, 81%
CMY	0.8863, 0.5255, 0.1882
CMYK	0.86, 0.42, 0.00, 0.19
HSL	209°, 75%, 46%
HSV	209°, 86%, 81%
XYZ	18.6066, 18.4409, 61.6103
YIQ	103.2960, -82.4380, 7.2420

# Conversions

## Conversions Part 2

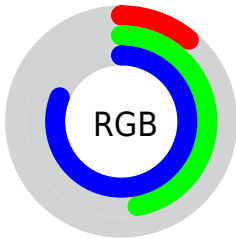
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 90, 207
Decimal	1931727
CIE <sub>Lab</sub>	50.03, 5.72, -51.58
CIE <sub>LCh</sub>	50, 51.900, 276.332
Yxy	18.4409, 0.1886, 0.1869
Android (android.graphics.Color)	4280121807 (0xFF1D79CF)
YUV	103.2960, 51.1261, -65.1576
Hunter-Lab	42.9429, 2.1914, -55.0034

# Details

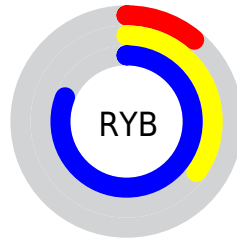
The Hex color **1D79CF** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CF731D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6BADFF**, and **004998** is the 20% darker color. If you saturate the color by 10%, you get **086FCF**, and if you desaturate by 10%, it is **3283CF**.

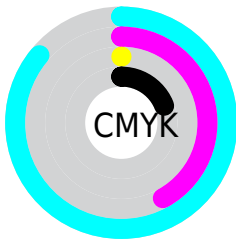
# Distribution



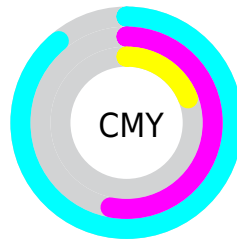
- Red (11%)
- Green (47%)
- Blue (81%)



- Red (11%)
- Yellow (35%)
- Blue (81%)



- Cyan (86%)
- Magenta (42%)
- Yellow (0%)
- Black (19%)



- Cyan (89%)
- Magenta (53%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D79CF 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 1D79CF by changing the saturation by 10% instead.



■ 1D79CF

■ 1D79CF

FFFFFF

■ 0061B3

■ 6BADFF

■ 004998

■ 8AC8FF

■ 00347E

■ A8E4FF

■ 002064

■ C7FFFF

■ 00054C

■ E5FFFF

■ 000434

■ 00021E

■ 000000

■ 1D79CF

■ 1D79CF

■ 086FCF

■ 3283CF

■ 006BCF

■ 468DCF

■ 5B97CF

■ 70A1CF

■ 85ABCF

■ 99B5CF

■ AEBFCF

■ C3C9CF

■ D7D3CF

# Harmonies

## Analogous

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



0085C8



1D79CF



8567BF

# Triad

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



1D79CF



C15645



008A52

# Complementary

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



1D79CF



CF731D

# 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.



57832A



1D79CF



A96822

# Square

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



1D79CF



C64C6F



857813



008C7F

# Rectangle

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



1D79CF



A75AA9



857813



288843

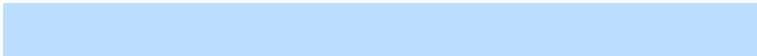


# Sweetspot

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



1D79CF



BDDFFF



1DCF70



586C80



000000



808080



# Same Dimension

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



1D79CF



0084FF



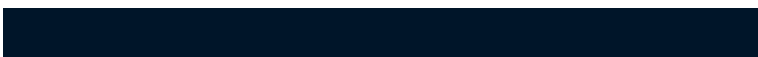
1D23CF



5E6369



0057A8



001529



# Inverse Universe

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



CF1D79



FF0084



CFC91D



695E63



A80057



290015



# Previews

## White Background



This preview shows how the Hex color 1D79CF looks on a white background.

## Color Contrast Check

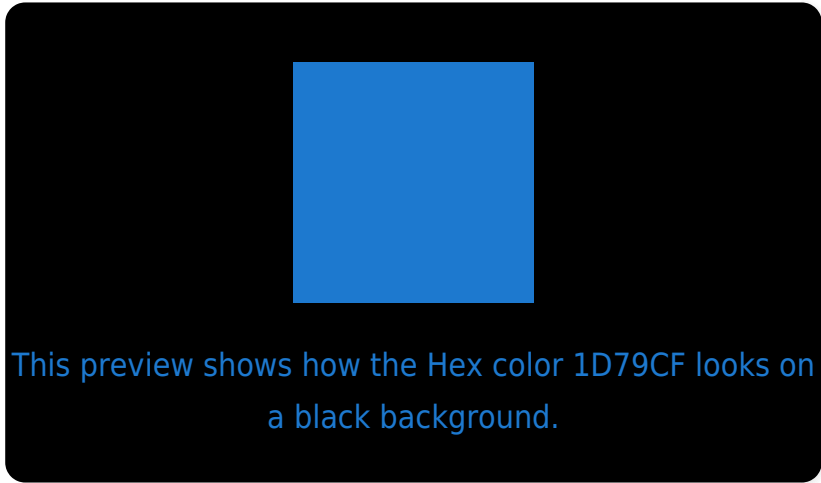
Large Text (above 18pt) WCAG AA ✓ Pass

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

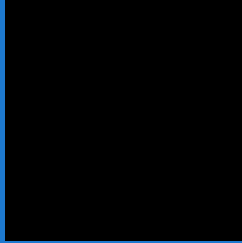
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

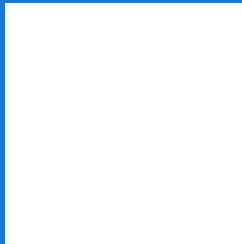
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1D79CF Background



This preview shows how black text looks on a background with the Hex color 1D79CF.



This preview shows how white text looks on a background with the Hex color 1D79CF.

# 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](#).

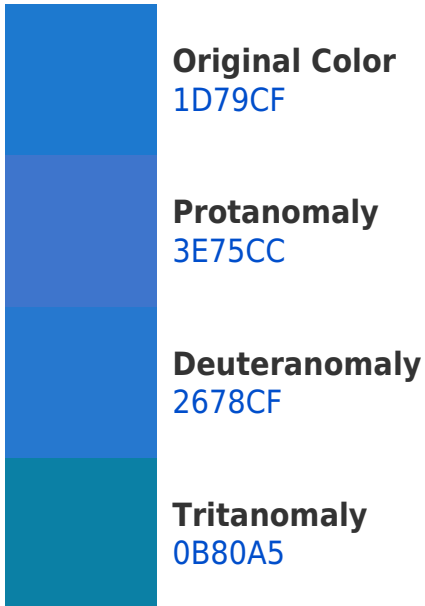
## Dichromacy





**Tritanopia**  
00848D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D79CF 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 #1D79CF looks like.

```
.text, #text, p{  
    color:#1D79CF  
}
```

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 #1D79CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D79CF
}
```

## Border

The CSS property to change the border of an element to Hex 1D79CF 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
#1D79CF }
```

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

```
.border{ border-color:#1D79CF }
```

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

Here you see how a box with a 4 pixel #1D79CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D79CF; -webkit-box-shadow:4px 4px  
4px 4px #1D79CF; box-shadow:4px 4px 4px  
4px #1D79CF }
```

# Background

The CSS property to change the background color of an element to Hex 1D79CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D79CF }
```

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

```
.background{ background-color:#1D79CF }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor