

# Converting Colors

Hex(1D7FCE)

Have a look what the booklet for  
Hex(1D7FCE) contains.

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# Color

Hex(1D7FCE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D7FCE
RGB	29, 127, 206
RGB Percent	11%, 50%, 81%
CMY	0.8863, 0.5020, 0.1922
CMYK	0.86, 0.38, 0.00, 0.19
HSL	207°, 75%, 46%
HSV	207°, 86%, 81%
XYZ	19.2366, 19.8962, 61.2190
YIQ	106.7040, -83.7670, 3.7930

# Conversions

## Conversions Part 2

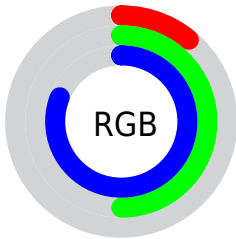
Format	Color
R <sub>Y</sub> B	29, 92, 206
Decimal	1933262
CIE Lab	51.72, 1.67, -48.31
CIE LCh	52, 48.342, 271.977
Yxy	19.8962, 0.1917, 0.1983
Android (android.graphics.Color)	4280123342 (0xFF1D7FCE)
YUV	106.7040, 48.9529, -68.1464
Hunter-Lab	44.6051, -1.0782, -50.1498

# Details

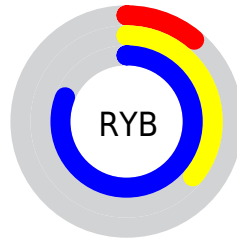
The Hex color **1D7FCE** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **CE6C1D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6BB3FF**, and **004F97** is the 20% darker color. If you saturate the color by 10%, you get **0876CE**, and if you desaturate by 10%, it is **3288CE**.

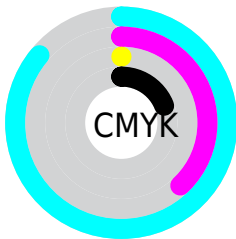
# Distribution



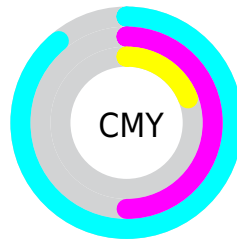
- Red (11%)
- Green (50%)
- Blue (81%)



- Red (11%)
- Yellow (36%)
- Blue (81%)



- Cyan (86%)
- Magenta (38%)
- Yellow (0%)
- Black (19%)



- Cyan (89%)
- Magenta (50%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D7FCE 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 1D7FCE by changing the saturation by 10% instead.



■ 1D7FCE

■ 1D7FCE

FFFFFF

■ 0066B2

■ 6BB3FF

■ 004F97

■ 8ACFFF

■ 00387D

■ A8EBFF

■ 002463

■ C6FFFF

■ 000D4B

■ E5FFFF

■ 000433

■ 00021D

■ 000000

■ 1D7FCE

■ 1D7FCE

0876CE

3288CE

0072CE

4691CE

5B9BCE

6FA4CE

84ADCE

99B6CE

ADBFCE

C2C9CE

D6D2CE

# Harmonies

## Analogous

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



008AC4



1D7FCE



806FC2

# Triad

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



1D7FCE



C45B52



268C53

# Complementary

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



1D7FCE



CE6C1D

# 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.



658630



1D7FCE



B06B31

# Square

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



1D7FCE



C5557A



8F7A22



008F7D

# Rectangle

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



1D7FCE



A364AF



8F7A22



418B46

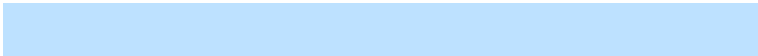


# Sweetspot

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



1D7FCE



BDE1FF



1DCE6A



586E80



000000



808080



# Same Dimension

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



1D7FCE



008DFF



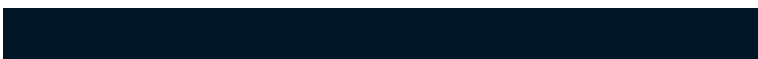
1D29CE



5C6166



005CA6



001526



# Inverse Universe

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



CE1D7F



FF008D



CEC21D



665C61



A6005C



260015



# Previews

## White Background



This preview shows how the Hex color 1D7FCE looks on a white background.

## Color Contrast Check

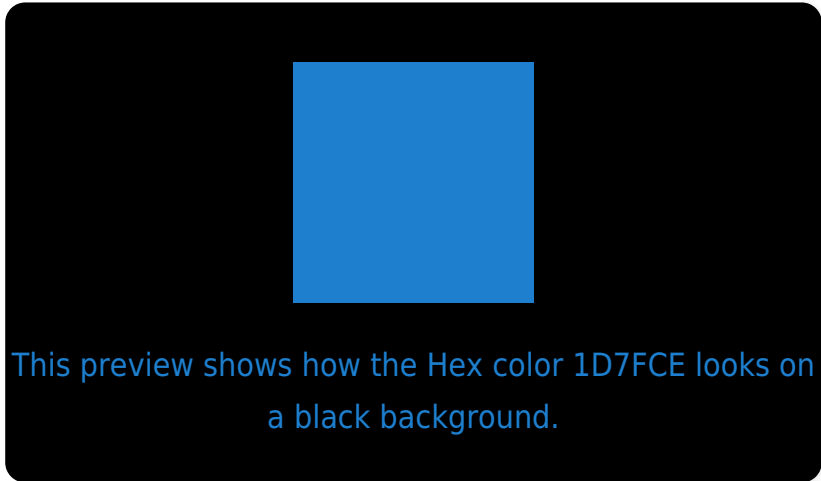
Large Text (above 18pt) WCAG AA ✓ Pass

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

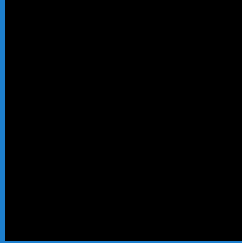
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1D7FCE Background



This preview shows how black text looks on a background with the Hex color 1D7FCE.

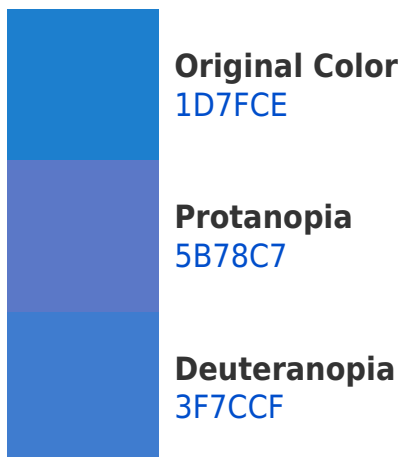


This preview shows how white text looks on a background with the Hex color 1D7FCE.

# 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](#).

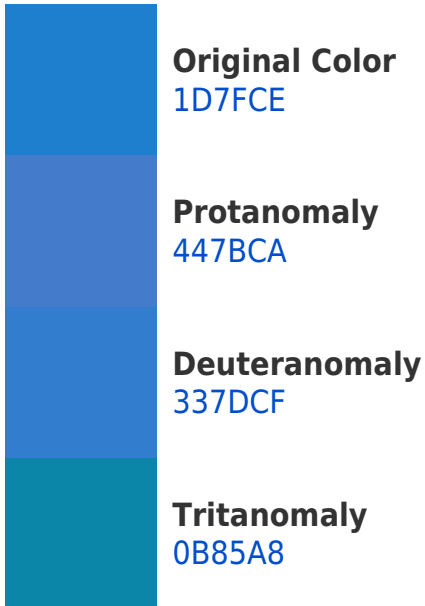
## Dichromacy



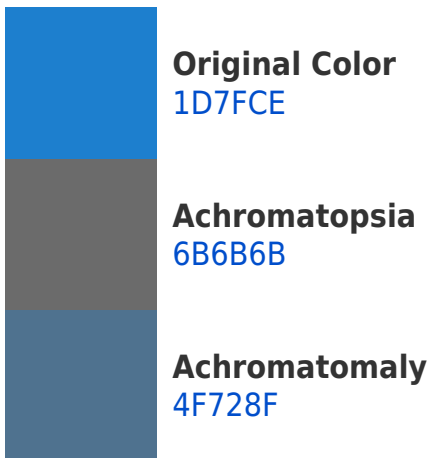


**Tritanopia**  
008892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D7FCE 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 #1D7FCE looks like.

```
.text, #text, p{  
    color:#1D7FCE  
}
```

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 #1D7FCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7FCE
}
```

## Border

The CSS property to change the border of an element to Hex 1D7FCE is called "border". The border property can be set on classes, ids or directly on the HTML element.

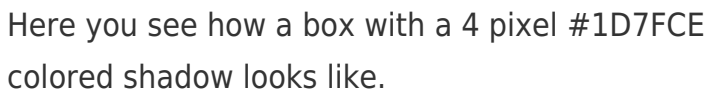
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D7FCE }
```

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

```
.border{ border-color:#1D7FCE }
```

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



Here you see how a box with a 4 pixel #1D7FCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7FCE; -webkit-box-shadow:4px 4px  
4px 4px #1D7FCE; box-shadow:4px 4px 4px  
4px #1D7FCE }
```

# Background

The CSS property to change the background color of an element to Hex 1D7FCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7FCE }
```

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

```
.background{ background-color:#1D7FCE }
```

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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