

# Converting Colors

Hex(197FCC)

Have a look what the booklet for  
Hex(197FCC) contains.

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# Color

Hex(197FCC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	197FCC
RGB	25, 127, 204
RGB Percent	10%, 50%, 80%
CMY	0.9020, 0.5020, 0.2000
CMYK	0.88, 0.38, 0.00, 0.20
HSL	206°, 78%, 45%
HSV	206°, 88%, 80%
XYZ	18.8894, 19.7451, 59.9423
YIQ	105.2800, -85.5090, 2.3230

# Conversions

## Conversions Part 2

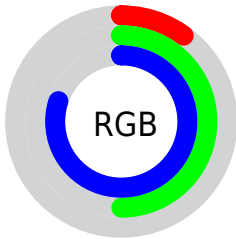
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 90, 204
Decimal	1671116
CIELab	51.55, 0.63, -47.45
CIELCh	52, 47.459, 270.762
Yxy	19.7451, 0.1916, 0.2003
Android (android.graphics.Color)	4279861196 (0xFF197FCC)
YUV	105.2800, 48.6690, -70.4056
Hunter-Lab	44.4354, -1.8821, -48.8761

# Details

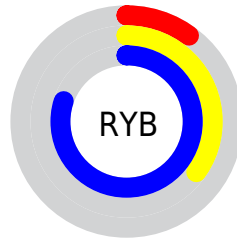
The Hex color **197FCC** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **CC6619**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **69B3FF**, and **004F95** is the 20% darker color. If you saturate the color by 10%, you get **0576CC**, and if you desaturate by 10%, it is **2D88CC**.

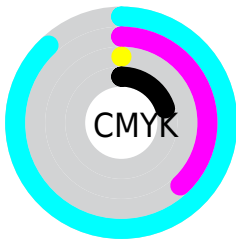
# Distribution



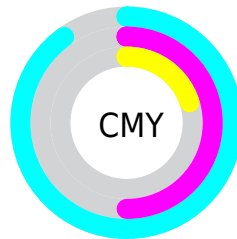
- Red (10%)
- Green (50%)
- Blue (80%)



- Red (10%)
- Yellow (35%)
- Blue (80%)



- Cyan (88%)
- Magenta (38%)
- Yellow (0%)
- Black (20%)



- Cyan (90%)
- Magenta (50%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 197FCC 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 197FCC by changing the saturation by 10% instead.



 197FCC

 197FCC

FFFFFF

 0066B0

 69B3FF

 004F95

 88CFFF

 00387B

 A6EBFF

 002462

 C5FFFF

 000D49

 E3FFFF

 000432

 00021C

 000000

 197FCC

 197FCC

■ 0576CC

■ 2D88CC

■ 0074CC

■ 4291CC

■ 5699CC

■ 6BA2CC

■ 7FABCC

■ 93B4CC

■ A8BCCC

■ BCC5CC

■ D1CECC

# Harmonies

## Analogous

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



0089C1



197FCC



7D70C1

# Triad

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



197FCC



C35B54



2C8B51

# Complementary

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



197FCC



CC6619

# 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.



678530



197FCC



B06A33

# Square

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



197FCC



C3567B



907924



008F7B

# Rectangle

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



197FCC



A064AF



907924



448A45

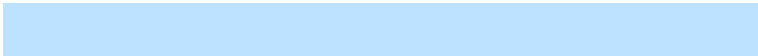


# Sweetspot

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



197FCC



BDE2FF



19CC64



586E80



000000



808080

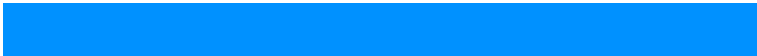


# Same Dimension

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



197FCC



0091FF



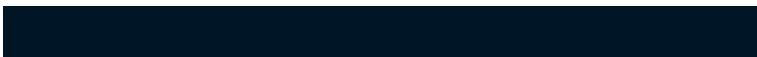
1928CC



5C6266



005EA6



001626



# Inverse Universe

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



CC197F



FF0091



CCBD19



665C62



A6005E



260016



# Previews

## White Background



This preview shows how the Hex color 197FCC looks on a white background.

## Color Contrast Check

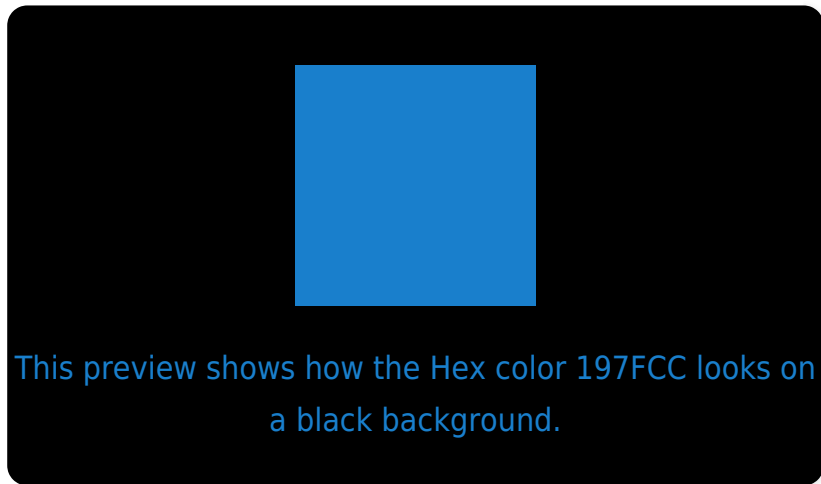
Large Text (above 18pt) WCAG AA ✓ Pass

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

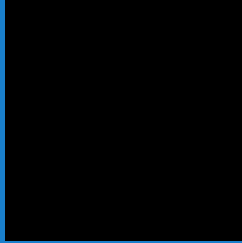
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 197FCC Background



This preview shows how black text looks on a background with the Hex color 197FCC.

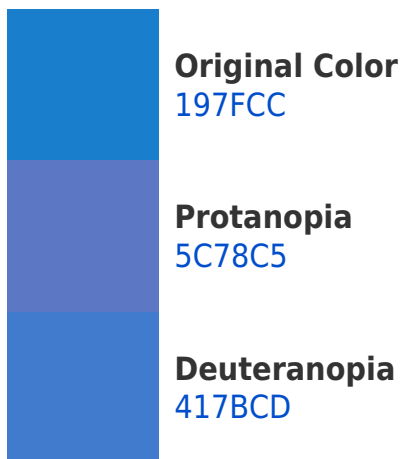


This preview shows how white text looks on a background with the Hex color 197FCC.

# 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](#).

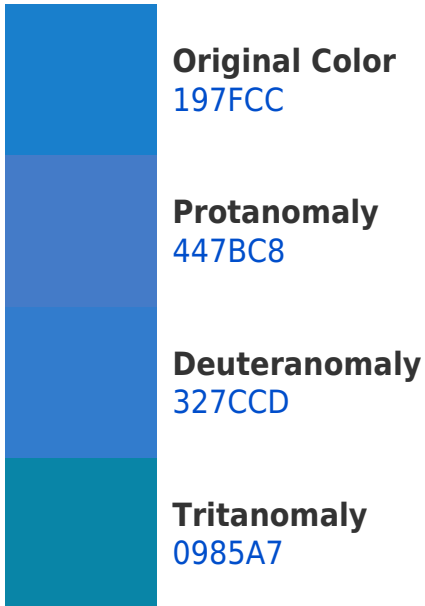
## Dichromacy



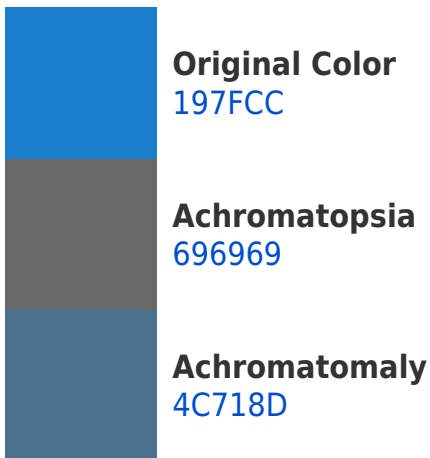


**Tritanopia**  
008892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 197FCC 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 #197FCC looks like.

```
.text, #text, p{  
    color:#197FCC  
}
```

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 #197FCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #197FCC  
}
```

## Border

The CSS property to change the border of an element to Hex 197FCC 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  
#197FCC }
```

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

```
.border{ border-color:#197FCC }
```

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

Here you see how a box with a 4 pixel #197FCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #197FCC; -webkit-box-shadow:4px 4px  
4px 4px #197FCC; box-shadow:4px 4px 4px  
4px #197FCC }
```

# Background

The CSS property to change the background color of an element to Hex 197FCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#197FCC }
```

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

```
.background{ background-color:#197FCC }
```

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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