

# Converting Colors

Hex(197EF3)

Have a look what the booklet for  
Hex(197EF3) contains.

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# Color

**Hex(197EF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	197EF3
RGB	25, 126, 243
RGB Percent	10%, 49%, 95%
CMY	0.9020, 0.5059, 0.0471
CMYK	0.90, 0.48, 0.00, 0.05
HSL	212°, 90%, 53%
HSV	212°, 90%, 95%
XYZ	24.0394, 21.5994, 87.6961
YIQ	109.1390, -97.7530, 14.9750

# Conversions

## Conversions Part 2

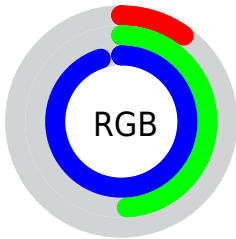
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 94, 243
Decimal	1670899
CIELab	53.60, 16.20, -66.08
CIELCh	54, 68.041, 283.778
Yxy	21.5994, 0.1803, 0.1620
Android (android.graphics.Color)	4279860979 (0xFF197EF3)
YUV	109.1390, 65.9935, -73.7899
Hunter-Lab	46.4752, 10.9980, -79.3443

# Details

The Hex color **197EF3** 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 **F38E19**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **72B2FF**, and **004EBA** is the 20% darker color. If you saturate the color by 10%, you get **0171F3**, and if you desaturate by 10%, it is **318BF3**.

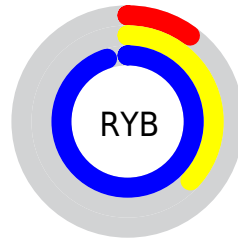
# Distribution



Red (10%)

Green (49%)

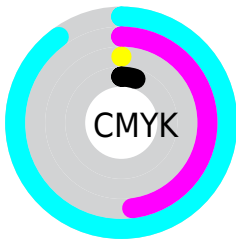
Blue (95%)



Red (10%)

Yellow (37%)

Blue (95%)

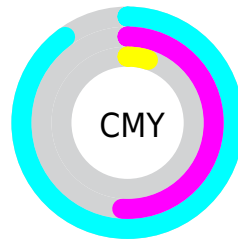


Cyan (90%)

Magenta (48%)

Yellow (0%)

Black (5%)



Cyan (90%)

Magenta (51%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 197EF3 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 197EF3 by changing the saturation by 10% instead.



■ 197EF3

■ 197EF3

FFFFFF

■ 0066D6

■ 72B2FF

■ 004EBA

■ 93CDFF

■ 00399E

■ B3E9FF

■ 002584

■ D3FFFF

■ 00116A

■ F2FFFF

■ 000A50

■ 000538

■ 000222

■ 000008

■ 197EF3

■ 197EF3

■ 0171F3

■ 318BF3

■ 0071F3

■ 4A98F3

■ 62A5F3

■ 7AB2F3

■ 92BFF3

■ ABCCF3

■ C3D9F3

■ DBE6F3

■ F4F3F3

# Harmonies

## Analogous

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



0090F1



197EF3



A463D6

# Triad

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



197EF3



D85630



00985D

# Complementary

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



197EF3



F38E19

# 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.



3A921F



197EF3



B47200

# Square

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



197EF3



E73F68



818600



009A9A

# Rectangle

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



197EF3



CB4FB5



818600



009749



# Sweetspot

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



197EF3



BADAFF



19F38D



576A80



000000



808080



# Same Dimension

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



197EF3



0076FF



2019F3



6E747A



0056BA



001B3B



# Inverse Universe

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



F3197E



FF0076



ECF319



7A6E74



BA0056



3B001B



# Previews

## White Background



This preview shows how the Hex color 197EF3 looks on a white background.

## Color Contrast Check

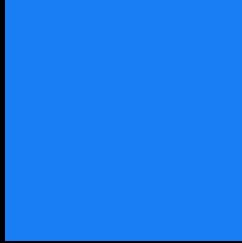
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 197EF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

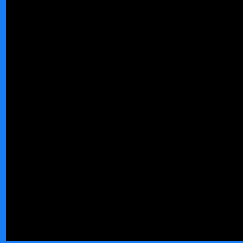
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

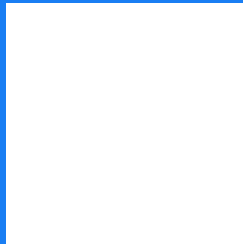
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 197EF3 Background



This preview shows how black text looks on a background with the Hex color 197EF3.



This preview shows how white text looks on a background with the Hex color 197EF3.

# 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**  
008D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 197EF3 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 #197EF3 looks like.

```
.text, #text, p{  
    color:#197EF3  
}
```

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 #197EF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #197EF3
}
```

## Border

The CSS property to change the border of an element to Hex 197EF3 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
#197EF3 }
```

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

```
.border{ border-color:#197EF3 }
```

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

Here you see how a box with a 4 pixel #197EF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #197EF3; -webkit-box-shadow:4px 4px  
4px 4px #197EF3; box-shadow:4px 4px 4px  
4px #197EF3 }
```

# Background

The CSS property to change the background color of an element to Hex 197EF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#197EF3 }
```

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

```
.background{ background-color:#197EF3 }
```

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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