

Converting Colors

Hex(147CF1)

Have a look what the booklet for
Hex(147CF1) contains.

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Color

Hex(147CF1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 147CF1 |
| RGB | 20, 124, 241 |
| RGB Percent | 8%, 49%, 95% |
| CMY | 0.9216, 0.5137, 0.0549 |
| CMYK | 0.92, 0.49, 0.00, 0.05 |
| HSL | 212°, 89%, 51% |
| HSV | 212°, 92%, 95% |
| XYZ | 23.3733, 20.9149, 86.0242 |
| YIQ | 106.2420, -99.5410, 14.3390 |

Conversions

Conversions Part 2

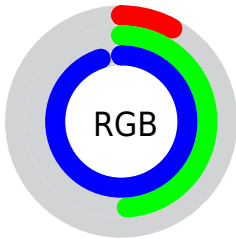
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 20, 91, 241 |
| Decimal | 1342705 |
| CIE _{Lab} | 52.86, 16.46, -66.17 |
| CIE _{LCh} | 53, 68.190, 283.969 |
| Yxy | 20.9149, 0.1794, 0.1605 |
| Android (android.graphics.Color) | 4279532785 (0xFF147CF1) |
| YUV | 106.2420, 66.4357, -75.6342 |
| Hunter-Lab | 45.7328, 11.1962, -79.5125 |

Details

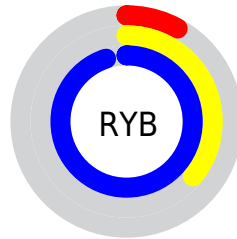
The Hex color **147CF1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **F18914**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **70B0FF**, and **004CB8** is the 20% darker color. If you saturate the color by 10%, you get **0071F1**, and if you desaturate by 10%, it is **2C89F1**.

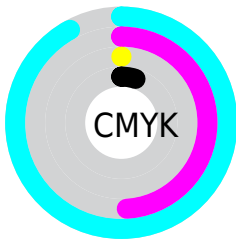
Distribution



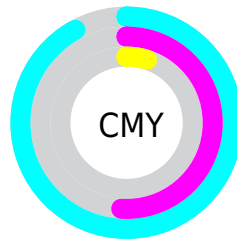
- Red (8%)
- Green (49%)
- Blue (95%)



- Red (8%)
- Yellow (36%)
- Blue (95%)



- Cyan (92%)
- Magenta (49%)
- Yellow (0%)
- Black (5%)



- Cyan (92%)
- Magenta (51%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 147CF1 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 147CF1 by changing the saturation by 10% instead.

 147CF1

 147CF1

FFFFFF

 0064D4

 70B0FF

 004CB8

 92CBFF

 00379C

 B1E7FF

 002382

 D1FFFF

 000E68

 F0FFFF

 000A4F

 000537

 000221

 000005

■ 147CF1

■ 147CF1

■ 0071F1

■ 2C89F1

■ 4496F1

■ 5CA2F1

■ 74AFF1

■ 8CBCF1

■ A5C9F1

■ BDD5F1

■ D5E2F1

■ EDEFF1

Harmonies

Analogous

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



008EEF



147CF1



A261D3

Triad

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



147CF1



D6542E



00965C

Complementary

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



147CF1



F18914

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.



37901D



147CF1



B27000

Square

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



147CF1



E53D65



7F8400



009899

Rectangle

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



147CF1



C94CB3



7F8400



009547

Sweetspot

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



147CF1



B8D9FF



14F186



546980



000000



808080

Same Dimension

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



147CF1



0078FF



1814F1



6C7278



0056B8



001A38

Inverse Universe

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



F1147C



FF0078



EDF114



786C72



B80056



38001A

Previews

White Background



This preview shows how the Hex color 147CF1 looks on a white background.

Color Contrast Check

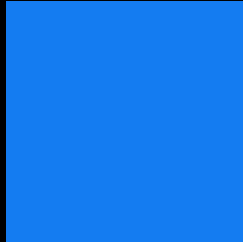
Large Text (above 18pt) WCAG AA ✓ Pass

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 147CF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

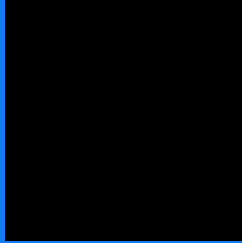
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

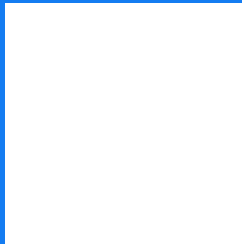
Any Text WCAG AAA × Fail

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

Hex 147CF1 Background



This preview shows how black text looks on a background with the Hex color 147CF1.



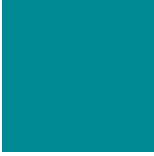
This preview shows how white text looks on a background with the Hex color 147CF1.

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](#).

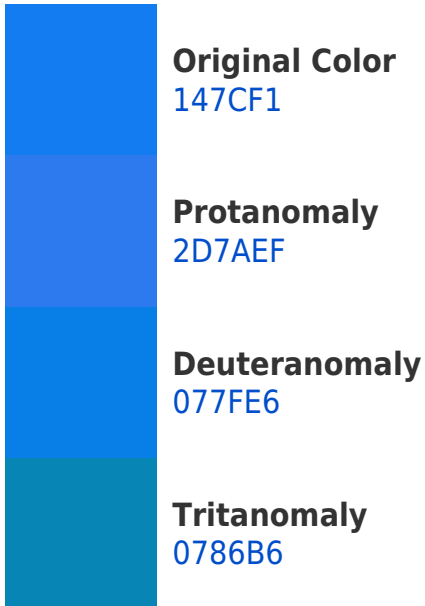
Dichromacy



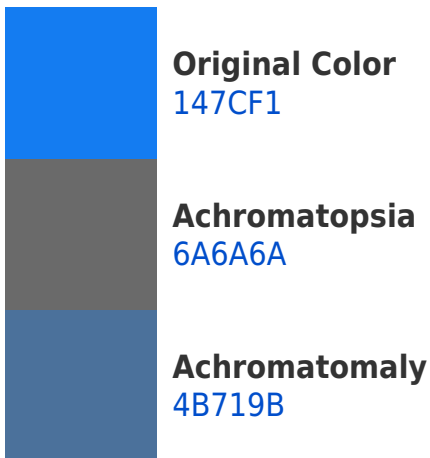


Tritanopia
008B94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 147CF1 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 #147CF1 looks like.

```
.text, #text, p{  
    color:#147CF1  
}
```

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 #147CF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #147CF1
}
```

Border

The CSS property to change the border of an element to Hex 147CF1 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
#147CF1 }
```

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

```
.border{ border-color:#147CF1 }
```

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

Here you see how a box with a 4 pixel #147CF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #147CF1; -webkit-box-shadow:4px 4px  
4px 4px #147CF1; box-shadow:4px 4px 4px  
4px #147CF1 }
```

Background

The CSS property to change the background color of an element to Hex 147CF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#147CF1 }
```

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

```
.background{ background-color:#147CF1 }
```

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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