

Converting Colors

Hex(1C6FFD)

Have a look what the booklet for
Hex(1C6FFD) contains.

Hex(1C6FFD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(1C6FFD)

Conversions

Conversions Part 1

Format	Color
Hex	1C6FFD
RGB	28, 111, 253
RGB Percent	11%, 44%, 99%
CMY	0.8902, 0.5647, 0.0078
CMYK	0.89, 0.56, 0.00, 0.01
HSL	218°, 98%, 55%
HSV	218°, 89%, 99%
XYZ	23.8930, 18.7076, 95.2801
YIQ	102.3710, -95.0500, 26.5660

Conversions

Conversions Part 2

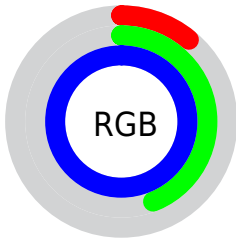
Format	Color
RYB	28, 89, 253
Decimal	1863677
CIELab	50.34, 29.60, -76.91
CIELCh	50, 82.411, 291.047
Yxy	18.7076, 0.1733, 0.1357
Android (android.graphics.Color)	4280053757 (0xFF1C6FFD)
YUV	102.3710, 74.2601, -65.2234
Hunter-Lab	43.2523, 22.9135, -100.3329

Details

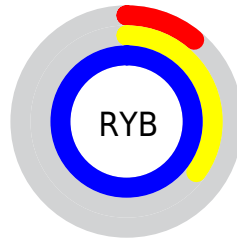
The Hex color **1C6FFD** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **FDAA1C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **77A2FF**, and **0041C3** is the 20% darker color. If you saturate the color by 10%, you get **035FFD**, and if you desaturate by 10%, it is **357FFD**.

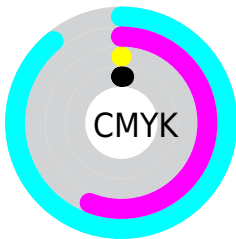
Distribution



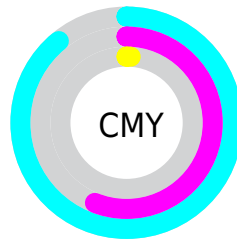
- Red (11%)
- Green (44%)
- Blue (99%)



- Red (11%)
- Yellow (35%)
- Blue (99%)



- Cyan (89%)
- Magenta (56%)
- Yellow (0%)
- Black (1%)



- Cyan (89%)
- Magenta (56%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C6FFD 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 1C6FFD by changing the saturation by 10% instead.

 1C6FFD

 1C6FFD

FFFFFF

 0057E0

 77A2FF

 0041C3

 98BDFF

 002CA7

 B9D8FF

 001B8C

 D8F5FF

 000072

 F8FFFF

 000C58

 000740

 000329

 000113

■ 1C6FFD

■ 1C6FFD

■ 035FFD

■ 357FFD

■ 005DFD

■ 4F8FFD

■ 689FFD

■ 81AFFD

■ 9BBFFD

■ B4CFFD

■ CDDFFD

■ E6EFFD

FFFFFD

Harmonies

Analogous

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



0087FF



1C6FFD



B446D1

Triad

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



1C6FFD



D34A00



009360

Complementary

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



1C6FFD



FDAA1C

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.



008E06



1C6FFD



A36E00

Square

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



1C6FFD



ED084B



638300



0095A9

Rectangle

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



1C6FFD



DB1CA7



638300



009247

Sweetspot

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



1C6FFD



BAD4FF



1CFDA7



576680



000000



808080

Same Dimension

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



1C6FFD



005EFF



361CFD



737780



0047BF



001840

Inverse Universe

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



FD1C6F



FF005E



E3FD1C



807377



BF0047



400018

Previews

White Background



This preview shows how the Hex color 1C6FFD looks on a white background.

Color Contrast Check

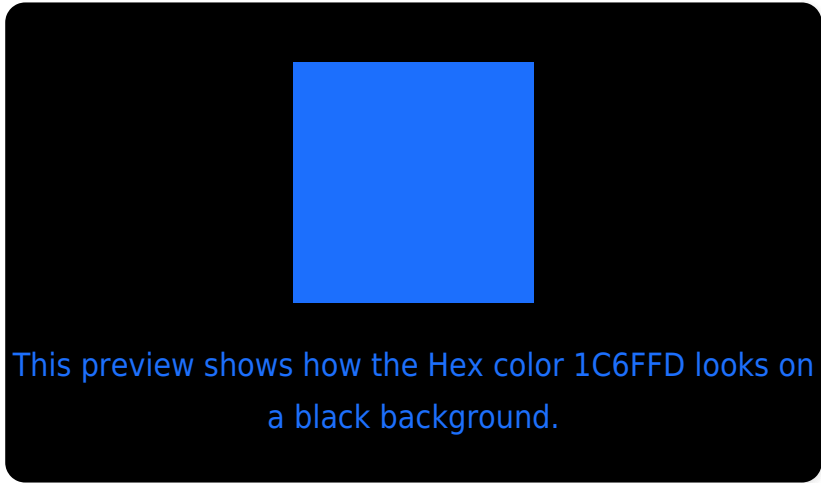
Large Text (above 18pt) WCAG AA ✓ Pass

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

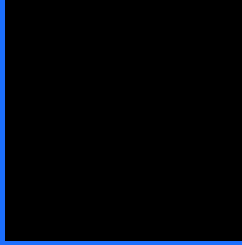
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

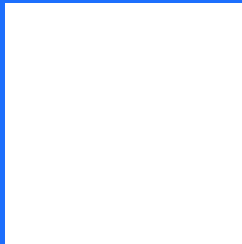
Any Text WCAG AAA × Fail

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

Hex 1C6FFD Background



This preview shows how black text looks on a background with the Hex color 1C6FFD.

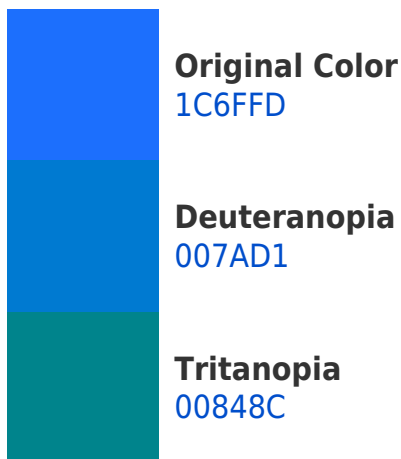


This preview shows how white text looks on a background with the Hex color 1C6FFD.

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



Trichromacy



Original Color
1C6FFD

Deuteranomaly
0A76E1

Tritanomaly
0A7CB5

Monochromacy



Original Color
1C6FFD

Achromatopsia
666666

Achromatomaly
4B699D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C6FFD 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 #1C6FFD looks like.

```
.text, #text, p{  
    color:#1C6FFD  
}
```

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 #1C6FFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C6FFD
}
```

Border

The CSS property to change the border of an element to Hex 1C6FFD 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
#1C6FFD }
```

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

```
.border{ border-color:#1C6FFD }
```

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

Here you see how a box with a 4 pixel #1C6FFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C6FFD; -webkit-box-shadow:4px 4px  
4px 4px #1C6FFD; box-shadow:4px 4px 4px  
4px #1C6FFD }
```

Background

The CSS property to change the background color of an element to Hex 1C6FFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C6FFD }
```

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

```
.background{ background-color:#1C6FFD }
```

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