

# Converting Colors

Hex(1C68ED)

Have a look what the booklet for  
Hex(1C68ED) contains.

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**Color**

**Hex(1C68ED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C68ED
RGB	28, 104, 237
RGB Percent	11%, 41%, 93%
CMY	0.8902, 0.5922, 0.0706
CMYK	0.88, 0.56, 0.00, 0.07
HSL	218°, 85%, 52%
HSV	218°, 88%, 93%
XYZ	20.7153, 16.2619, 82.1678
YIQ	96.4380, -87.9890, 25.2510

# Conversions

## Conversions Part 2

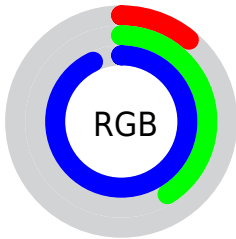
Format	Color
RYP	28, 84, 237
Decimal	1861869
CIELab	47.32, 27.98, -72.92
CIElCh	47, 78.106, 290.995
Yxy	16.2619, 0.1739, 0.1365
Android (android.graphics.Color)	4280051949 (0xFF1C68ED)
YUV	96.4380, 69.2971, -60.0201
Hunter-Lab	40.3261, 21.1237, -92.5801

# Details

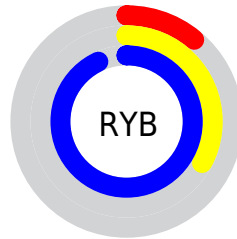
The Hex color **1C68ED** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **EDA11C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **739AFF**, and **003AB4** is the 20% darker color. If you saturate the color by 10%, you get **0459ED**, and if you desaturate by 10%, it is **3477ED**.

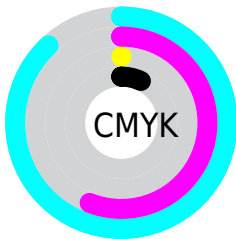
# Distribution



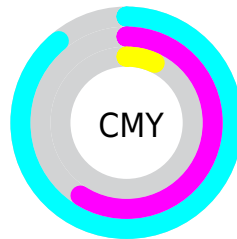
- Red (11%)
- Green (41%)
- Blue (93%)



- Red (11%)
- Yellow (33%)
- Blue (93%)



- Cyan (88%)
- Magenta (56%)
- Yellow (0%)
- Black (7%)



- Cyan (89%)
- Magenta (59%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C68ED 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 1C68ED by changing the saturation by 10% instead.



 1C68ED

 1C68ED

FFFFFF

 0050D0

 739AFF

 003AB4

 94B5FF

 002698

 B3D0FF

 00157E

 D3EDFF

 000464

 F2FFFF

 00094B

 000433

 00021D

 000000

■ 1C68ED

■ 1C68ED

■ 0459ED

■ 3477ED

■ 0056ED

■ 4B86ED

■ 6395ED

■ 7BA4ED

■ 93B3ED

■ AAC2ED

■ C2D2ED

■ DAE1ED

■ F1F0ED

# Harmonies

## Analogous

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



007FF4



1C68ED



A942C4

# Triad

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



1C68ED



C64500



008A59

# Complementary

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



1C68ED



EDA11C

# 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.



008506



1C68ED



996700

# Square

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



1C68ED



DE0B46



5D7B00



008C9E

# Rectangle

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



1C68ED



CD1C9D



5D7B00



008942



# Sweetspot

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



1C68ED



BDD5FF



1CEDA0



586680



000000



808080



# Same Dimension

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



1C68ED



005DFF



381CED



6A6E75



0042B5



001336



# Inverse Universe

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



ED1C68



FF005D



D1ED1C



756A6E



B50042



360013



# Previews

## White Background



This preview shows how the Hex color 1C68ED looks on a white background.

## Color Contrast Check

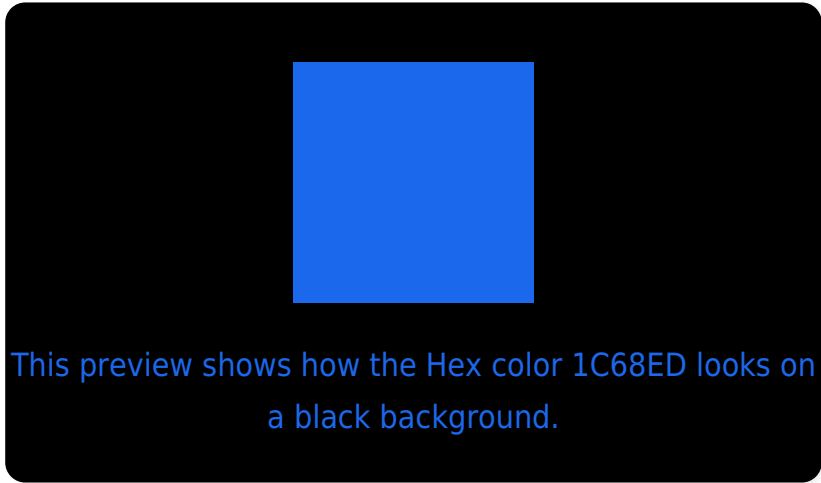
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

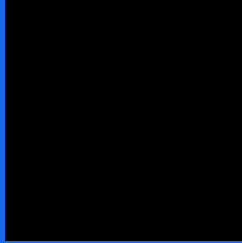
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

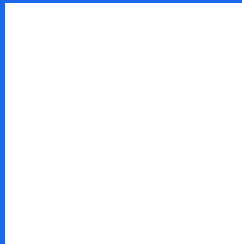
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1C68ED Background



This preview shows how black text looks on a background with the Hex color 1C68ED.



This preview shows how white text looks on a background with the Hex color 1C68ED.

# 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



**Original Color**  
1C68ED

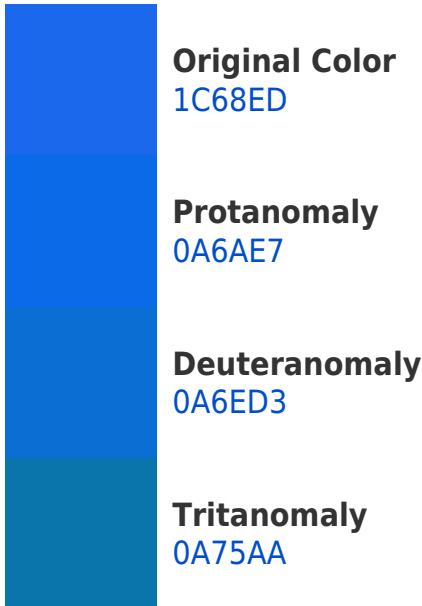
**Protanopia**  
006BE4

**Deuteranopia**  
0072C4



**Tritanopia**  
007C83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C68ED 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 #1C68ED looks like.

```
.text, #text, p{  
    color:#1C68ED  
}
```

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 #1C68ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C68ED
}
```

## Border

The CSS property to change the border of an element to Hex 1C68ED 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
#1C68ED }
```

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

```
.border{ border-color:#1C68ED }
```

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

Here you see how a box with a 4 pixel #1C68ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C68ED; -webkit-box-shadow:4px 4px  
4px 4px #1C68ED; box-shadow:4px 4px 4px  
4px #1C68ED }
```

# Background

The CSS property to change the background color of an element to Hex 1C68ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C68ED }
```

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

```
.background{ background-color:#1C68ED }
```

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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