

Converting Colors

Hex(1C6ED8)

Have a look what the booklet for
Hex(1C6ED8) contains.

Hex(1C6ED8)	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(1C6ED8)

Conversions

Conversions Part 1

Format	Color
Hex	1C6ED8
RGB	28, 110, 216
RGB Percent	11%, 43%, 85%
CMY	0.8902, 0.5686, 0.1529
CMYK	0.87, 0.49, 0.00, 0.15
HSL	214°, 77%, 48%
HSV	214°, 87%, 85%
XYZ	18.4495, 16.3566, 67.1505
YIQ	97.5660, -82.8980, 15.5820

Conversions

Conversions Part 2

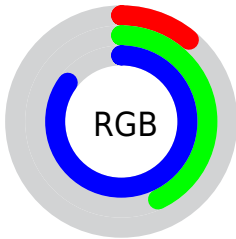
Format	Color
RYB	28, 85, 216
Decimal	1863384
CIELab	47.44, 16.06, -60.86
CIELCh	47, 62.945, 284.781
Yxy	16.3566, 0.1810, 0.1604
Android (android.graphics.Color)	4280053464 (0xFF1C6ED8)
YUV	97.5660, 58.3880, -61.0094
Hunter-Lab	40.4433, 10.6526, -70.1325

Details

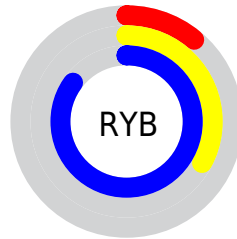
The Hex color **1C6ED8** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D8861C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **6DA1FF**, and **0040A0** is the 20% darker color. If you saturate the color by 10%, you get **0662D8**, and if you desaturate by 10%, it is **327AD8**.

Distribution



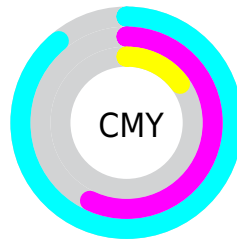
- Red (11%)
- Green (43%)
- Blue (85%)



- Red (11%)
- Yellow (33%)
- Blue (85%)



- Cyan (87%)
- Magenta (49%)
- Yellow (0%)
- Black (15%)



- Cyan (89%)
- Magenta (57%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C6ED8 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 1C6ED8 by changing the saturation by 10% instead.

■ 1C6ED8

■ 1C6ED8

FFFFFF

■ 0056BC

■ 6DA1FF

■ 0040A0

■ 8DBCFF

■ 002B85

■ ABD7FF

■ 00196B

■ CAF4FF

■ 000752

■ E9FFFF

■ 00063A

■ 000224

■ 00000B

■ 000000

■ 1C6ED8

■ 1C6ED8

■ 0662D8

■ 327AD8

■ 005ED8

■ 4786D8

■ 5D93D8

■ 729FD8

■ 88ABD8

■ 9EB7D8

■ B3C3D8

■ C9CFD8

■ DEDCD8

Harmonies

Analogous

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



007ED7



1C6ED8



9355BD

Triad

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



1C6ED8



BF4B27



008753

Complementary

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



1C6ED8



D8861C

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.



2D811B



1C6ED8



9E6400

Square

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



1C6ED8



CE3559



707600



00888A

Rectangle

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



1C6ED8



B6439F



707600



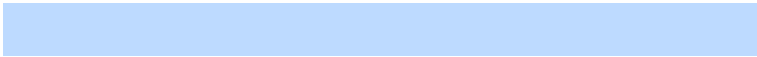
008540

Sweetspot

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



1C6ED8



BDDAFF



1CD883



586980



000000



808080

Same Dimension

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



1C6ED8



006FFF



251CD8



60656B



004BAB



00132B

Inverse Universe

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



D81C6E



FF006F



CFD81C



6B6065



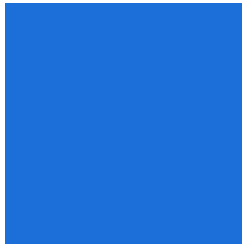
AB004B



2B0013

Previews

White Background



This preview shows how the Hex color 1C6ED8 looks on a white background.

Color Contrast Check

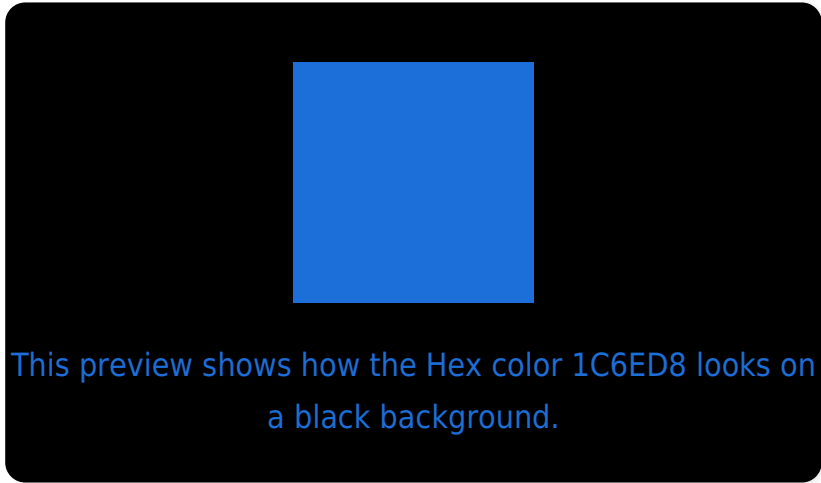
Large Text (above 18pt) WCAG AA ✓ Pass

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

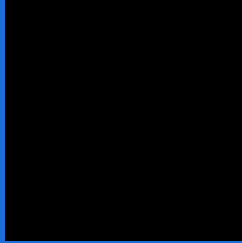
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

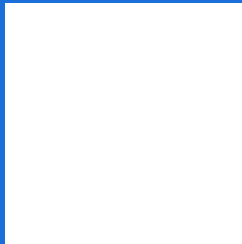
Any Text WCAG AAA × Fail

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

Hex 1C6ED8 Background



This preview shows how black text looks on a background with the Hex color 1C6ED8.

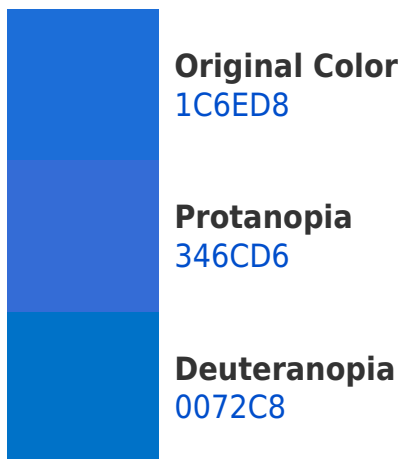


This preview shows how white text looks on a background with the Hex color 1C6ED8.

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
1C6ED8

Protanomaly
2B6DD7

Deuteranomaly
0A71CE

Monochromacy



Original Color
1C6ED8

Achromatopsia
626262

Achromatomaly
49668D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C6ED8 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 #1C6ED8 looks like.

```
.text, #text, p{  
    color:#1C6ED8  
}
```

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 #1C6ED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C6ED8
}
```

Border

The CSS property to change the border of an element to Hex 1C6ED8 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
#1C6ED8 }
```

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

```
.border{ border-color:#1C6ED8 }
```

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

Here you see how a box with a 4 pixel #1C6ED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C6ED8; -webkit-box-shadow:4px 4px  
4px 4px #1C6ED8; box-shadow:4px 4px 4px  
4px #1C6ED8 }
```

Background

The CSS property to change the background color of an element to Hex 1C6ED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C6ED8 }
```

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

```
.background{ background-color:#1C6ED8 }
```

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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