

Converting Colors

Hex(1C7ED6)

Have a look what the booklet for
Hex(1C7ED6) contains.

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Color

Hex(1C7ED6)

Conversions

Conversions Part 1

Format	Color
Hex	1C7ED6
RGB	28, 126, 214
RGB Percent	11%, 49%, 84%
CMY	0.8902, 0.5059, 0.1608
CMYK	0.87, 0.41, 0.00, 0.16
HSL	208°, 77%, 47%
HSV	208°, 87%, 84%
XYZ	20.0773, 20.0236, 66.4251
YIQ	106.7300, -86.6560, 6.5920

Conversions

Conversions Part 2

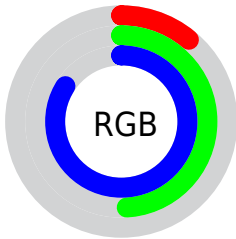
Format	Color
RYB	28, 92, 214
Decimal	1867478
CIELab	51.86, 5.26, -52.62
CIELCh	52, 52.880, 275.710
Yxy	20.0236, 0.1885, 0.1880
Android (android.graphics.Color)	4280057558 (0xFF1C7ED6)
YUV	106.7300, 52.8841, -69.0462
Hunter-Lab	44.7478, 1.7805, -56.6886

Details

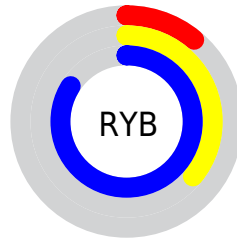
The Hex color **1C7ED6** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **D6741C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6CB2FF**, and **004E9F** is the 20% darker color. If you saturate the color by 10%, you get **0774D6**, and if you desaturate by 10%, it is **3188D6**.

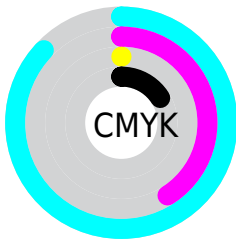
Distribution



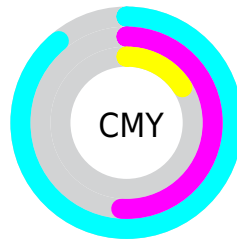
- Red (11%)
- Green (49%)
- Blue (84%)



- Red (11%)
- Yellow (36%)
- Blue (84%)



- Cyan (87%)
- Magenta (41%)
- Yellow (0%)
- Black (16%)



- Cyan (89%)
- Magenta (51%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C7ED6 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 1C7ED6 by changing the saturation by 10% instead.

■ 1C7ED6

■ 1C7ED6

FFFFFF

■ 0065BA

■ 6CB2FF

■ 004E9F

■ 8CCDFF

■ 003884

■ AAEAFF

■ 00246A

■ C9FFFF

■ 000D51

■ E8FFFF

■ 00053A

■ 000223

■ 00000A

■ 000000

■ 1C7ED6

■ 1C7ED6

■ 0774D6

■ 3188D6

■ 0071D6

■ 4792D6

■ 5C9CD6

■ 72A6D6

■ 87B1D6

■ 9CBBD6

■ B2C5D6

■ C7CFD6

■ DDD9D6

Harmonies

Analogous

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



008ACE



1C7ED6



886CC6

Triad

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



1C7ED6



C85A49



008F54

Complementary

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



1C7ED6



D6741C

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.



5C882C



1C7ED6



B06C26

Square

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



1C7ED6



CD5075



8B7C15



009183

Rectangle

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



1C7ED6



AC5FAF



8B7C15



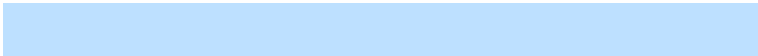
2E8D46

Sweetspot

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



1C7ED6



BDE0FF



1CD673



586D80



000000



808080

Same Dimension

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



1C7ED6



0086FF



1C22D6



60666B



005AAB



00172B

Inverse Universe

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



D61C7E



FF0086



D6D01C



6B6066



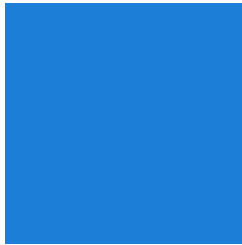
AB005A



2B0017

Previews

White Background



This preview shows how the Hex color 1C7ED6 looks on a white background.

Color Contrast Check

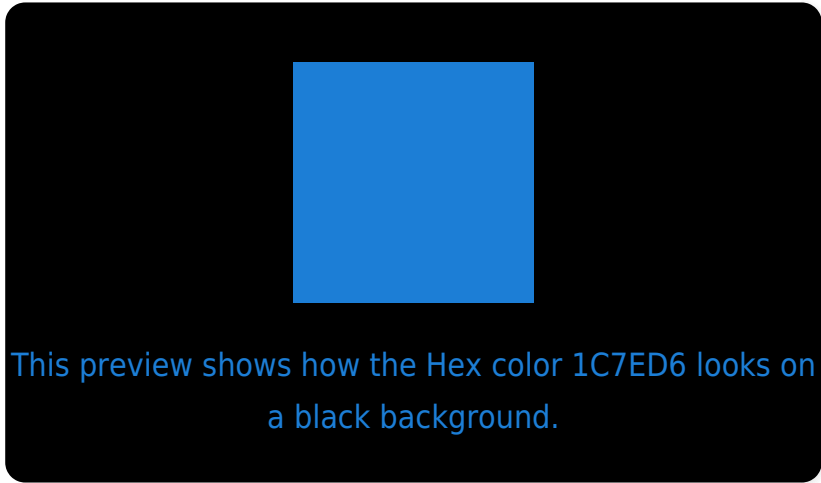
Large Text (above 18pt) WCAG AA ✓ Pass

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

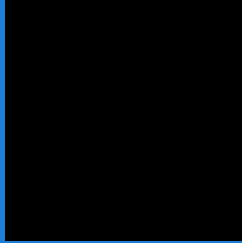
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

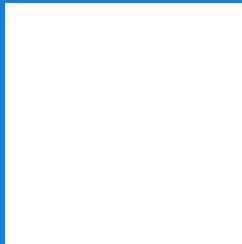
Any Text WCAG AAA × Fail

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

Hex 1C7ED6 Background



This preview shows how black text looks on a background with the Hex color 1C7ED6.

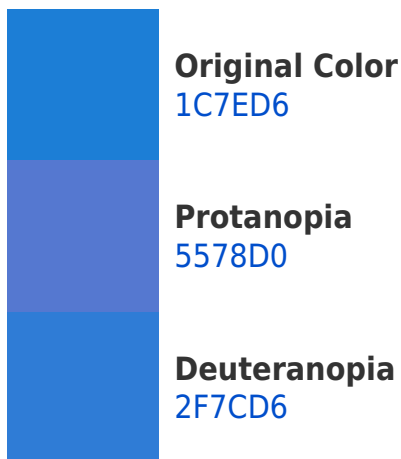


This preview shows how white text looks on a background with the Hex color 1C7ED6.

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](#).

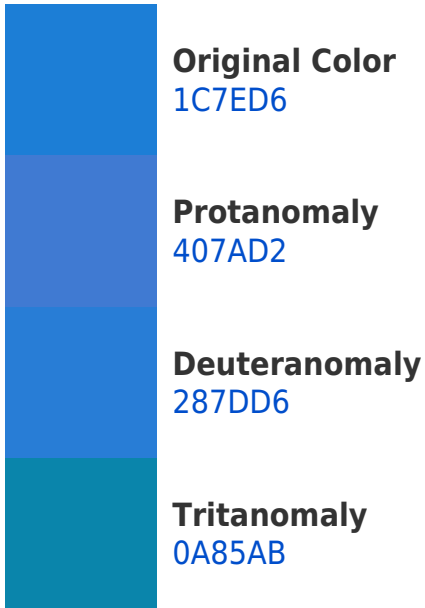
Dichromacy





Tritanopia
008992

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1C7ED6 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 #1C7ED6 looks like.

```
.text, #text, p{  
    color:#1C7ED6  
}
```

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 #1C7ED6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C7ED6
}
```

Border

The CSS property to change the border of an element to Hex 1C7ED6 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
#1C7ED6 }
```

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

```
.border{ border-color:#1C7ED6 }
```

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

Here you see how a box with a 4 pixel #1C7ED6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C7ED6; -webkit-box-shadow:4px 4px  
4px 4px #1C7ED6; box-shadow:4px 4px 4px  
4px #1C7ED6 }
```

Background

The CSS property to change the background color of an element to Hex 1C7ED6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C7ED6 }
```

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

```
.background{ background-color:#1C7ED6 }
```

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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