

# Converting Colors

Hex(1C85E6)

Have a look what the booklet for  
Hex(1C85E6) contains.

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# Color

**Hex(1C85E6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C85E6
RGB	28, 133, 230
RGB Percent	11%, 52%, 90%
CMY	0.8902, 0.4784, 0.0980
CMYK	0.88, 0.42, 0.00, 0.10
HSL	209°, 80%, 51%
HSV	209°, 88%, 90%
XYZ	23.1493, 22.7351, 78.0311
YIQ	112.6630, -93.7170, 7.9070

# Conversions

## Conversions Part 2

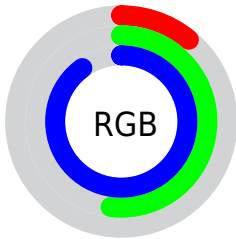
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 97, 230
Decimal	1869286
CIE <sub>Lab</sub>	54.80, 7.09, -56.91
CIE <sub>LCh</sub>	55, 57.351, 277.096
Yxy	22.7351, 0.1868, 0.1835
Android (android.graphics.Color)	4280059366 (0xFF1C85E6)
YUV	112.6630, 57.8471, -74.2495
Hunter-Lab	47.6813, 3.2196, -63.6519

# Details

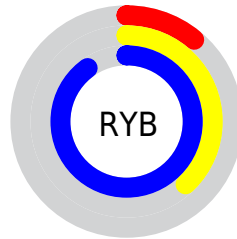
The Hex color **1C85E6** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **E67D1C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **70BAFF**, and **0054AE** is the 20% darker color. If you saturate the color by 10%, you get **057AE6**, and if you desaturate by 10%, it is **3390E6**.

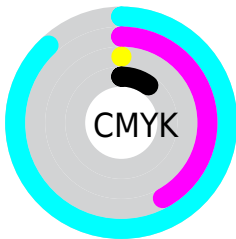
# Distribution



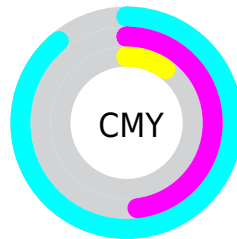
- Red (11%)
- Green (52%)
- Blue (90%)



- Red (11%)
- Yellow (38%)
- Blue (90%)



- Cyan (88%)
- Magenta (42%)
- Yellow (0%)
- Black (10%)



- Cyan (89%)
- Magenta (48%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C85E6 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 1C85E6 by changing the saturation by 10% instead.



 1C85E6

 1C85E6

FFFFFF

 006CCA

 70BAFF

 0054AE

 90D5FF

 003E93

 AFF1FF

 002978

 CFFFFFF

 00165F

 EFFFFFF

 000846

 00042F

 000119

 000000

■ 1C85E6

■ 1C85E6

■ 057AE6

■ 3390E6

■ 0078E6

■ 4A9BE6

■ 61A6E6

■ 78B1E6

■ 8FBCE6

■ A6C7E6

■ BDD2E6

■ D4DDE6

■ EBE8E6

# Harmonies

## Analogous

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



0093DE



1C85E6



9471D3

# Triad

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



1C85E6



D65E4A



00985A

# Complementary

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



1C85E6



E67D1C

# 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.



5D912D



1C85E6



BA7222

# Square

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



1C85E6



DC5279



91850F



009B8E

# Rectangle

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



1C85E6



BA62BA



91850F



24964A

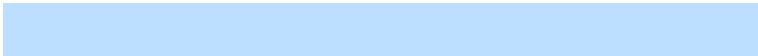


# Sweetspot

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



1C85E6



BDDFFF



1CE67A



586D80



000000



808080



# Same Dimension

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



1C85E6



0085FF



1C23E6



676D73



005DB3



001B33



# Inverse Universe

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



E61C85



FF0085



E6DF1C



73676D



B3005D

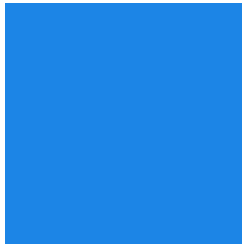


33001B



# Previews

## White Background



This preview shows how the Hex color 1C85E6 looks on a white background.

## Color Contrast Check

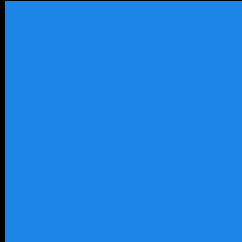
Large Text (above 18pt) WCAG AA ✓ Pass

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 1C85E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

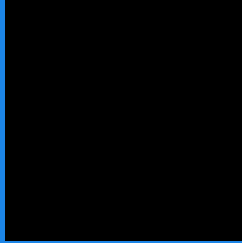
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

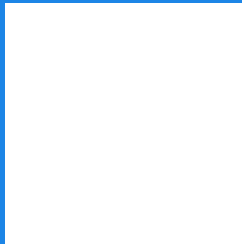
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1C85E6 Background



This preview shows how black text looks on a background with the Hex color 1C85E6.



This preview shows how white text looks on a background with the Hex color 1C85E6.

# 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](#).

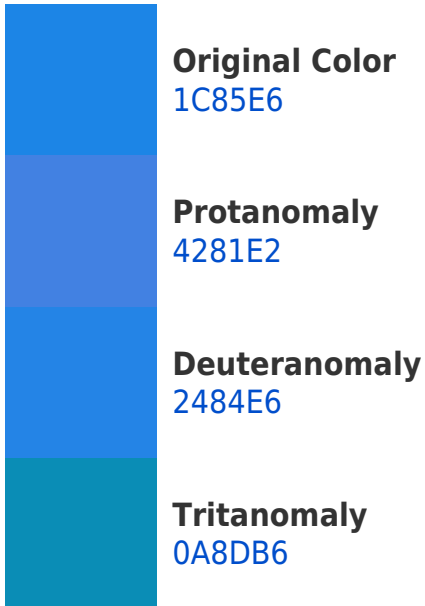
## Dichromacy





**Tritanopia**  
00919B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C85E6 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 #1C85E6 looks like.

```
.text, #text, p{  
    color:#1C85E6  
}
```

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 #1C85E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C85E6
}
```

## Border

The CSS property to change the border of an element to Hex 1C85E6 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
#1C85E6 }
```

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

```
.border{ border-color:#1C85E6 }
```

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

Here you see how a box with a 4 pixel #1C85E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C85E6; -webkit-box-shadow:4px 4px  
4px 4px #1C85E6; box-shadow:4px 4px 4px  
4px #1C85E6 }
```

# Background

The CSS property to change the background color of an element to Hex 1C85E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C85E6 }
```

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

```
.background{ background-color:#1C85E6 }
```

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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