

# Converting Colors

Hex(1C5CE1)

Have a look what the booklet for  
Hex(1C5CE1) contains.

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# Color

**Hex(1C5CE1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C5CE1
RGB	28, 92, 225
RGB Percent	11%, 36%, 88%
CMY	0.8902, 0.6392, 0.1176
CMYK	0.88, 0.59, 0.00, 0.12
HSL	221°, 78%, 50%
HSV	221°, 88%, 88%
XYZ	17.8966, 13.3374, 72.8653
YIQ	88.0260, -80.8370, 27.7950

# Conversions

## Conversions Part 2

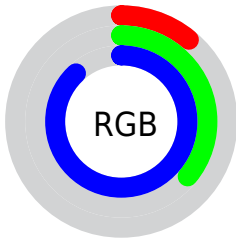
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">28, 76, 225</a>
Decimal	<a href="#">1858785</a>
CIELab	<a href="#">43.27, 31.12, -72.75</a>
CIElCh	<a href="#">43, 79.129, 293.158</a>
Yxy	<a href="#">13.3374, 0.1719, 0.1281</a>
Android (android.graphics.Color)	<a href="#">4280048865 (0xFF1C5CE1)</a>
YUV	<a href="#">88.0260, 67.5282, -52.6428</a>
Hunter-Lab	<a href="#">36.5204, 23.5623, -92.7307</a>




# Details

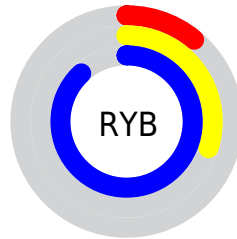
The Hex color **1C5CE1** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **E1A11C**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **708EFF**, and **0030A8** is the 20% darker color. If you saturate the color by 10%, you get **054DE1**, and if you desaturate by 10%, it is **336BE1**.

# Distribution







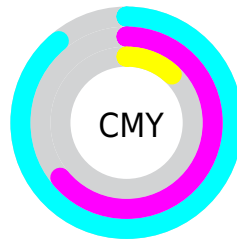
-  Red (11%)
-  Green (36%)
-  Blue (88%)






-  Red (11%)
-  Yellow (30%)
-  Blue (88%)



-  Cyan (88%)
-  Magenta (59%)
-  Yellow (0%)
-  Black (12%)



-  Cyan (89%)
-  Magenta (64%)
-  Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C5CE1 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 1C5CE1 by changing the saturation by 10% instead.



 1C5CE1

 1C5CE1

FFFFFF

 0045C4

 708EFF

 0030A8

 91A8FF

 001D8D

 B0C3FF

 000873

 CFDFFF

 000B59

 EEFBFF

 000741

 00032A

 000114

 000000

■ 1C5CE1

■ 1C5CE1

■ 054DE1

■ 336BE1

■ 0049E1

■ 497AE1

■ 5F8AE1

■ 7699E1

■ 8CA8E1

■ A3B7E1

■ BAC6E1

■ D0D6E1

■ E7E5E1

# Harmonies

## Analogous

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



0074EB



1C5CE1



A331B6

# Triad

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



1C5CE1



B73C00



007F55

# Complementary

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



1C5CE1



E1A11C

# 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.



007B00



1C5CE1



8A5F00

# Square

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



1C5CE1



D20038



4C7200



008198

# Rectangle

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



1C5CE1



C5008E



4C7200



007E3D



# Sweetspot

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



1C5CE1



BDD2FF



1CE19F



586580



000000



808080



# Same Dimension

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



1C5CE1



0053FF



3D1CE1



656970



0039B0



001030



# Inverse Universe

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



E11C5C



FF0053



C0E11C



706569



B00039



300010



# Previews

## White Background



This preview shows how the Hex color 1C5CE1 looks on a white background.

## Color Contrast Check

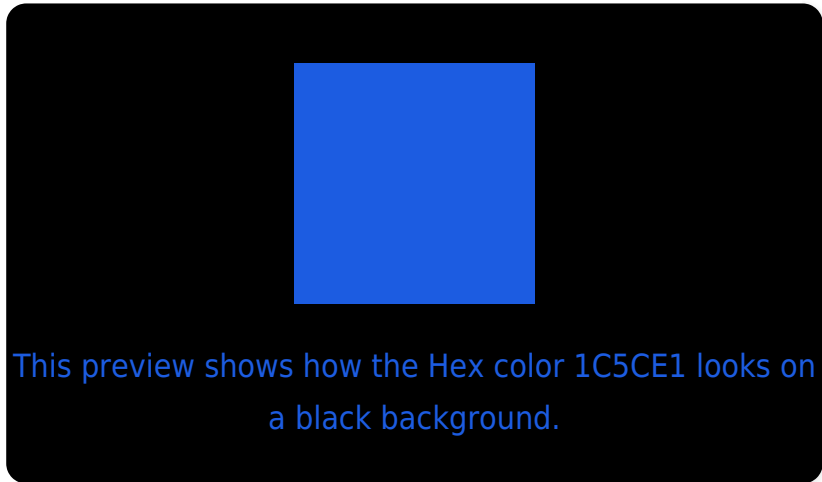
Large Text (above 18pt) WCAG AA ✓ Pass

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

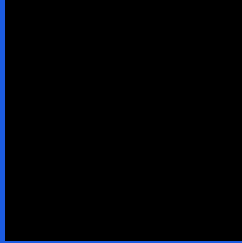
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C5CE1 Background



This preview shows how black text looks on a background with the Hex color 1C5CE1.



This preview shows how white text looks on a background with the Hex color 1C5CE1.

# Color Blindness Simulation

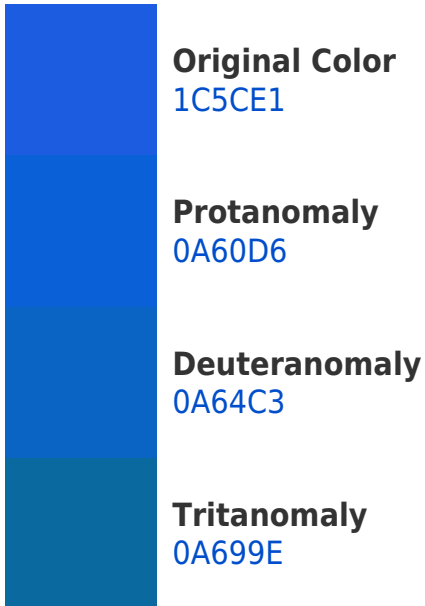
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

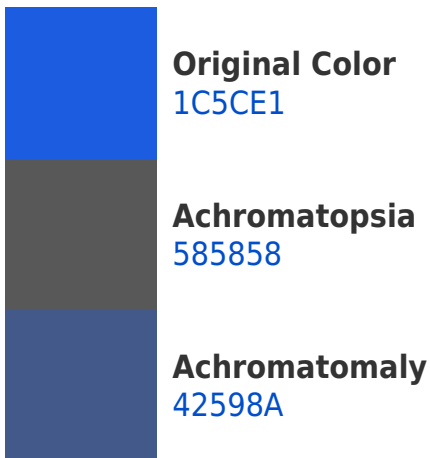




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C5CE1 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 #1C5CE1 looks like.

```
.text, #text, p{  
    color:#1C5CE1  
}
```

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 #1C5CE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C5CE1
}
```

## Border

The CSS property to change the border of an element to Hex 1C5CE1 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
#1C5CE1 }
```

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

```
.border{ border-color:#1C5CE1 }
```

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

Here you see how a box with a 4 pixel #1C5CE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C5CE1; -webkit-box-shadow:4px 4px  
4px 4px #1C5CE1; box-shadow:4px 4px 4px  
4px #1C5CE1 }
```

# Background

The CSS property to change the background color of an element to Hex 1C5CE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C5CE1 }
```

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

```
.background{ background-color:#1C5CE1 }
```

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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