

Converting Colors

Hex(1C71C7)

Have a look what the booklet for
Hex(1C71C7) contains.

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Color

Hex(1C71C7)

Conversions

Conversions Part 1

Format	Color
Hex	1C71C7
RGB	28, 113, 199
RGB Percent	11%, 44%, 78%
CMY	0.8902, 0.5569, 0.2196
CMYK	0.86, 0.43, 0.00, 0.22
HSL	210°, 75%, 45%
HSV	210°, 86%, 78%
XYZ	16.6928, 16.1807, 56.2762
YIQ	97.3890, -78.2660, 8.7260

Conversions

Conversions Part 2

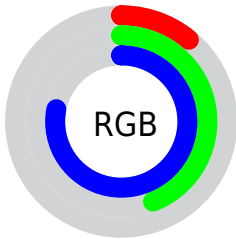
Format	Color
R _Y B	28, 85, 199
Decimal	1864135
CIE Lab	47.21, 7.55, -51.52
CIE LCh	47, 52.070, 278.333
Yxy	16.1807, 0.1872, 0.1815
Android (android.graphics.Color)	4280054215 (0xFF1C71C7)
YUV	97.3890, 50.0942, -60.8542
Hunter-Lab	40.2252, 3.6806, -54.7908

Details

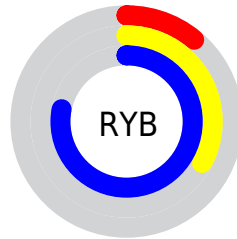
The Hex color **1C71C7** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C7721C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **68A4FF**, and **004290** is the 20% darker color. If you saturate the color by 10%, you get **0867C7**, and if you desaturate by 10%, it is **307BC7**.

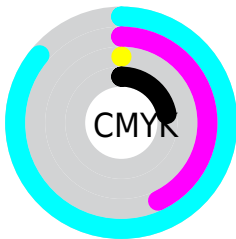
Distribution



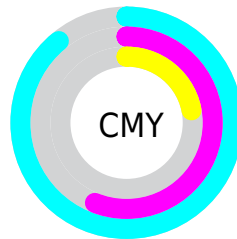
- Red (11%)
- Green (44%)
- Blue (78%)



- Red (11%)
- Yellow (33%)
- Blue (78%)



- Cyan (86%)
- Magenta (43%)
- Yellow (0%)
- Black (22%)



- Cyan (89%)
- Magenta (56%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C71C7 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 1C71C7 by changing the saturation by 10% instead.

■ 1C71C7

■ 1C71C7

FFFFFF

■ 0059AB

■ 68A4FF

■ 004290

■ 87BFFF

■ 002D76

■ A6DBFF

■ 001A5D

■ C4F7FF

■ 000845

■ E2FFFF

■ 00032D

■ 000118

■ 000000

■ 1C71C7

■ 1C71C7

■ 0867C7

■ 307BC7

■ 0063C7

■ 4485C7

■ 588FC7

■ 6C99C7

■ 80A3C7

■ 93ADC7

■ A7B7C7

■ BBC1C7

■ CFCBC7

Harmonies

Analogous

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



007DC1



1C71C7



815FB5

Triad

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



1C71C7



B8503C



00824E

Complementary

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



1C71C7



C7721C

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.



4B7C25



1C71C7



9F6219

Square

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



1C71C7



BF4566



7B7207



00857B

Rectangle

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



1C71C7



A2529F



7B7207



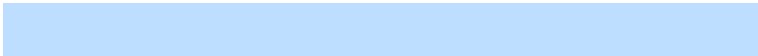
14813F

Sweetspot

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



1C71C7



BDDEFF



1CC772



586C80



000000



808080

Same Dimension

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



1C71C7



007FFF



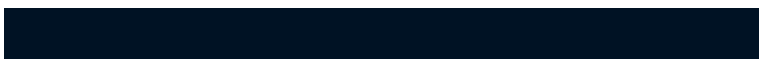
1C1CC7



5A5E63



0051A3



001224

Inverse Universe

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



C71C71



FF007F



C7C71C



635A5E



A30051



240012

Previews

White Background



This preview shows how the Hex color 1C71C7 looks on a white background.

Color Contrast Check

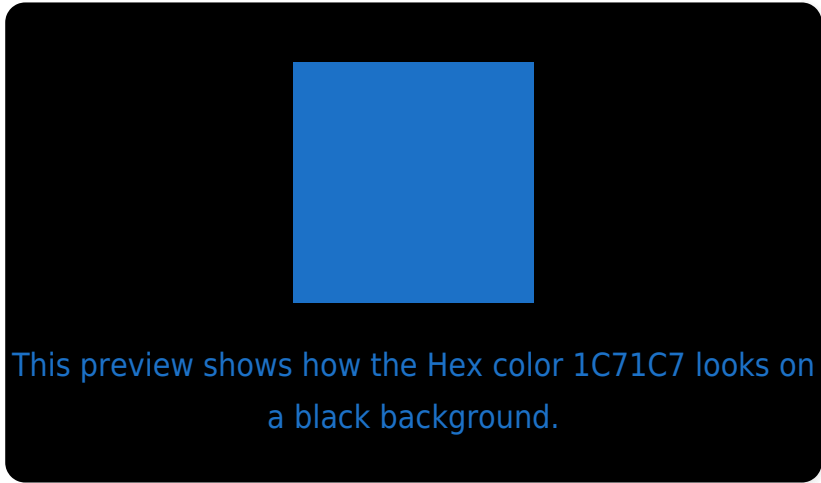
Large Text (above 18pt) WCAG AA ✓ Pass

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 1C71C7 Background



This preview shows how black text looks on a background with the Hex color 1C71C7.

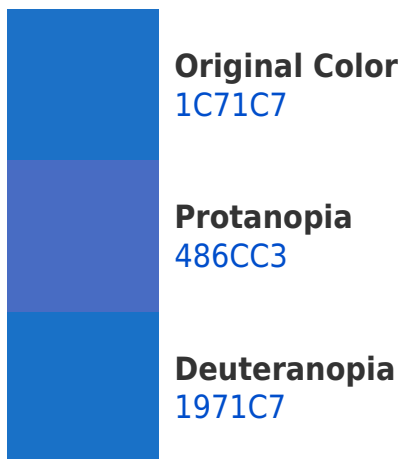


This preview shows how white text looks on a background with the Hex color 1C71C7.

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](#).

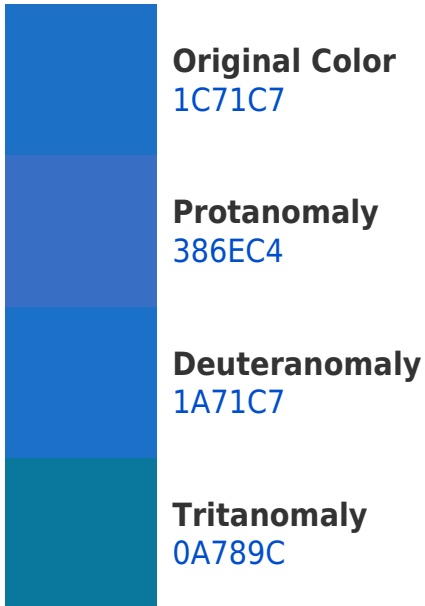
Dichromacy



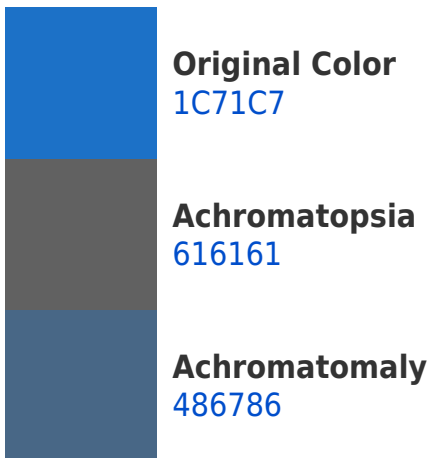


Tritanopia
007C84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1C71C7 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 #1C71C7 looks like.

```
.text, #text, p{  
    color:#1C71C7  
}
```

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 #1C71C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C71C7
}
```

Border

The CSS property to change the border of an element to Hex 1C71C7 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
#1C71C7 }
```

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

```
.border{ border-color:#1C71C7 }
```

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

Here you see how a box with a 4 pixel #1C71C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C71C7; -webkit-box-shadow:4px 4px  
4px 4px #1C71C7; box-shadow:4px 4px 4px  
4px #1C71C7 }
```

Background

The CSS property to change the background color of an element to Hex 1C71C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C71C7 }
```

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

```
.background{ background-color:#1C71C7 }
```

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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