

Converting Colors

Hex(1C72D6)

Have a look what the booklet for
Hex(1C72D6) contains.

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Color

Hex(1C72D6)

Conversions

Conversions Part 1

Format	Color
Hex	1C72D6
RGB	28, 114, 214
RGB Percent	11%, 45%, 84%
CMY	0.8902, 0.5529, 0.1608
CMYK	0.87, 0.47, 0.00, 0.16
HSL	212°, 77%, 47%
HSV	212°, 87%, 84%
XYZ	18.6338, 17.1365, 65.9439
YIQ	99.6860, -83.3560, 12.8680

Conversions

Conversions Part 2

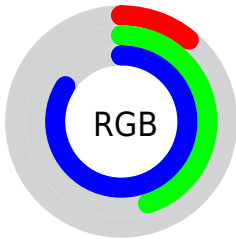
Format	Color
RYB	28, 87, 214
Decimal	1864406
CIELab	48.43, 12.74, -58.12
CIELCh	48, 59.504, 282.363
Yxy	17.1365, 0.1832, 0.1685
Android (android.graphics.Color)	4280054486 (0xFF1C72D6)
YUV	99.6860, 56.3568, -62.8686
Hunter-Lab	41.3963, 7.9050, -65.4710

Details

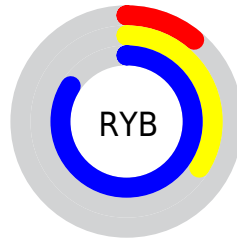
The Hex color **1C72D6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D6801C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6CA5FF**, and **00439E** is the 20% darker color. If you saturate the color by 10%, you get **0766D6**, and if you desaturate by 10%, it is **317ED6**.

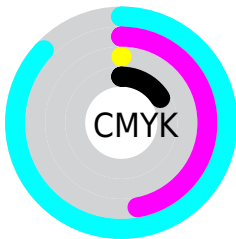
Distribution



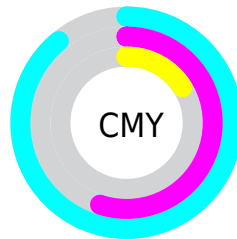
- Red (11%)
- Green (45%)
- Blue (84%)



- Red (11%)
- Yellow (34%)
- Blue (84%)



- Cyan (87%)
- Magenta (47%)
- Yellow (0%)
- Black (16%)



- Cyan (89%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C72D6 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 1C72D6 by changing the saturation by 10% instead.

■ 1C72D6

■ 1C72D6

FFFFFF

■ 005ABA

■ 6CA5FF

■ 00439E

■ 8CC0FF

■ 002E84

■ ABDCFF

■ 001B6A

■ C9F8FF

■ 000651

■ E8FFFF

■ 000539

■ 000223

■ 000009

■ 000000

■ 1C72D6

■ 1C72D6

■ 0766D6

■ 317ED6

■ 0063D6

■ 4789D6

■ 5C95D6

■ 72A0D6

■ 87ACD6

■ 9CB7D6

■ B2C3D6

■ C7CED6

■ DDDAD6

Harmonies

Analogous

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



0081D3



1C72D6



8F5CBE

Triad

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



1C72D6



C14F31



008853

Complementary

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



1C72D6



D6801C

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.



3D8220



1C72D6



A26600

Square

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



1C72D6



CC3E60



777700



008A87

Rectangle

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



1C72D6



B24BA3



777700



008741

Sweetspot

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



1C72D6



BDDBFF



1CD67F



586A80



000000



808080

Same Dimension

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



1C72D6



0076FF



221CD6



60656B



004FAB



00142B

Inverse Universe

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



D61C72



FF0076



D0D61C



6B6065



AB004F



2B0014

Previews

White Background



This preview shows how the Hex color 1C72D6 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

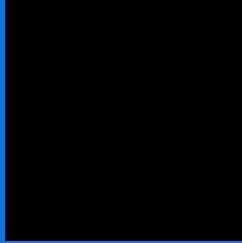
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

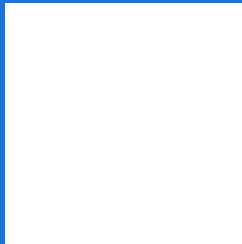
Any Text WCAG AAA × Fail

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

Hex 1C72D6 Background



This preview shows how black text looks on a background with the Hex color 1C72D6.

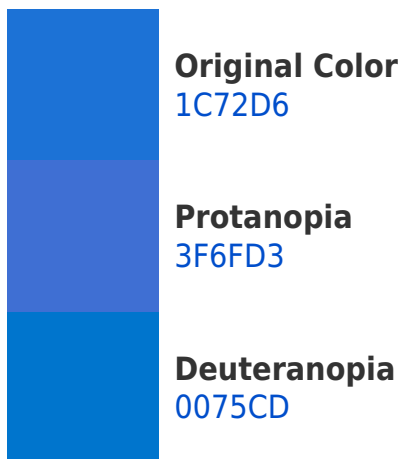


This preview shows how white text looks on a background with the Hex color 1C72D6.

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](#).

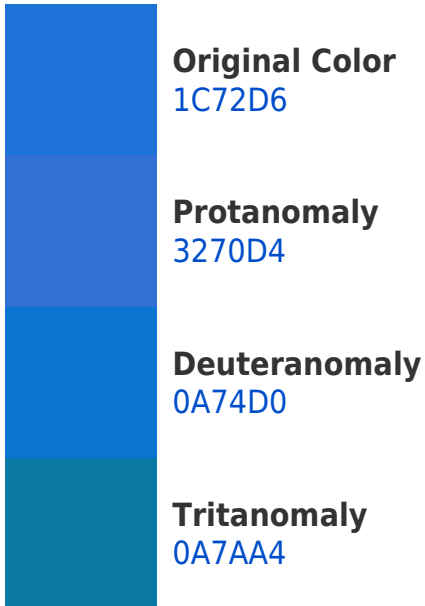
Dichromacy



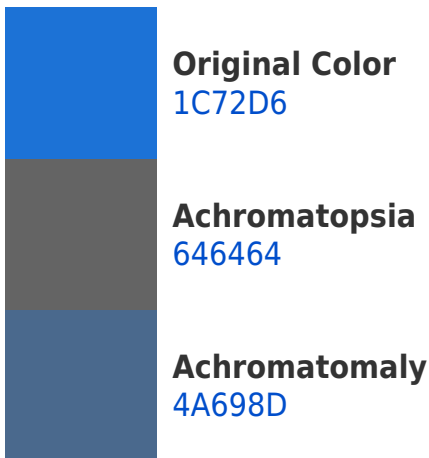


Tritanopia
007F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1C72D6 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 #1C72D6 looks like.

```
.text, #text, p{  
    color:#1C72D6  
}
```

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 #1C72D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C72D6
}
```

Border

The CSS property to change the border of an element to Hex 1C72D6 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
#1C72D6 }
```

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

```
.border{ border-color:#1C72D6 }
```

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

Here you see how a box with a 4 pixel #1C72D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C72D6; -webkit-box-shadow:4px 4px  
4px 4px #1C72D6; box-shadow:4px 4px 4px  
4px #1C72D6 }
```

Background

The CSS property to change the background color of an element to Hex 1C72D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C72D6 }
```

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

```
.background{ background-color:#1C72D6 }
```

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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