

Converting Colors

Hex(1C90CF)

Have a look what the booklet for
Hex(1C90CF) contains.

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Color

Hex(1C90CF)

Conversions

Conversions Part 1

Format	Color
Hex	1C90CF
RGB	28, 144, 207
RGB Percent	11%, 56%, 81%
CMY	0.8902, 0.4353, 0.1882
CMYK	0.86, 0.30, 0.00, 0.19
HSL	201°, 76%, 46%
HSV	201°, 86%, 81%
XYZ	21.7146, 24.6984, 62.6543
YIQ	116.4980, -89.3590, -4.9990

Conversions

Conversions Part 2

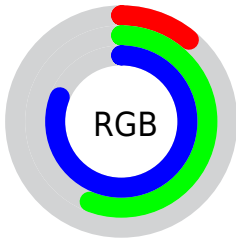
Format	Color
R_{YB}	28, 98, 207
Decimal	1872079
CIE _{Lab}	56.78, -8.05, -40.87
CIE _{LCh}	57, 41.653, 258.862
Yxy	24.6984, 0.1991, 0.2265
Android (android.graphics.Color)	4280062159 (0xFF1C90CF)
YUV	116.4980, 44.6175, -77.6127
Hunter-Lab	49.6975, -8.9774, -39.9595

Details

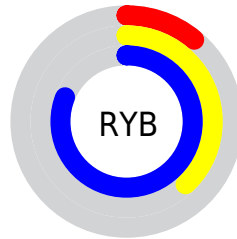
The Hex color **1C90CF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CF5B1C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6BC6FF**, and **005E98** is the 20% darker color. If you saturate the color by 10%, you get **0789CF**, and if you desaturate by 10%, it is **3197CF**.

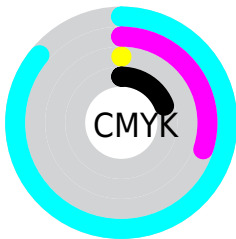
Distribution



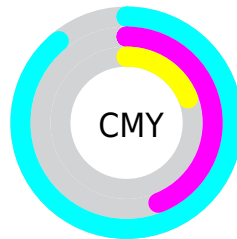
- Red (11%)
- Green (56%)
- Blue (81%)



- Red (11%)
- Yellow (38%)
- Blue (81%)



- Cyan (86%)
- Magenta (30%)
- Yellow (0%)
- Black (19%)



- Cyan (89%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C90CF 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 1C90CF by changing the saturation by 10% instead.

 1C90CF

 1C90CF

FFFFFF

 0076B3

 6BC6FF

 005E98

 8AE2FF

 00477E

 A9FEFF

 003065

 C7FFFF

 001D4C

 E6FFFF

 000535

 00021F

 000002

 000000

■ 1C90CF

■ 1C90CF

■ 0789CF

■ 3197CF

■ 0086CF

■ 459FCF

■ 5AA6CF

■ 6FADCF

■ 84B4CF

■ 98BCCF

■ ADC3CF

■ C2CACF

■ D6D2CF

Harmonies

Analogous

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



0098BE



1C90CF



7584CD

Triad

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



1C90CF



CD6B73



5E9657

Complementary

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



1C90CF



CF5B1C

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.



878D41



1C90CF



C27453

Square

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



1C90CF



C56B97



AA8140



1B9A79

Rectangle

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



1C90CF



997BC1



AA8140



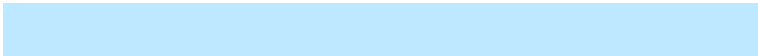
6D934E

Sweetspot

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



1C90CF



BDE8FF



1CCF5B



587280



000000



808080

Same Dimension

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



1C90CF



00A5FF



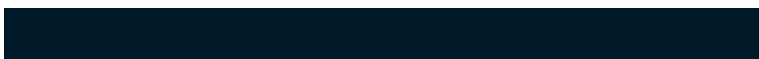
1C37CF



5E6569



006DA8



001A29

Inverse Universe

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



CF1C90



FF00A5



CFB41C



695E65



A8006D



29001A

Previews

White Background



This preview shows how the Hex color 1C90CF looks on a white background.

Color Contrast Check

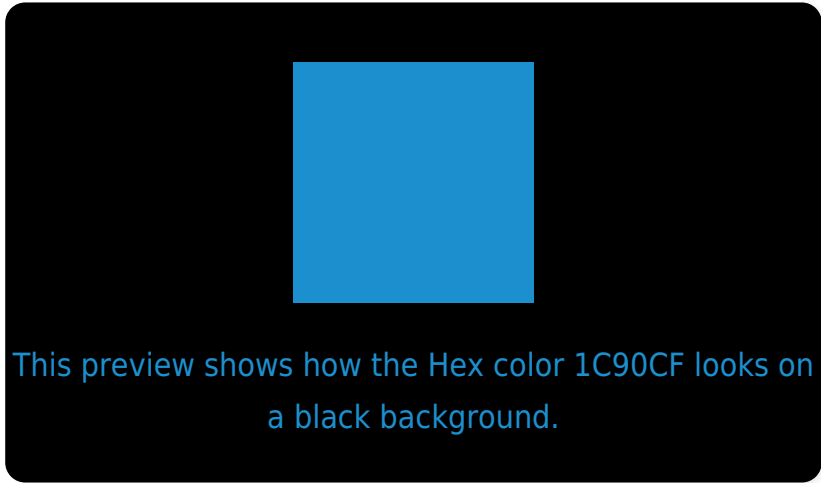
Large Text (above 18pt) WCAG AA ✓ Pass

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

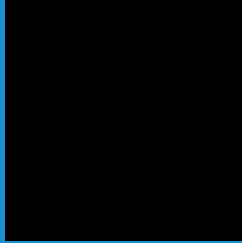
Any Text WCAG AA ✓ Pass

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 1C90CF Background



This preview shows how black text looks on a background with the Hex color 1C90CF.

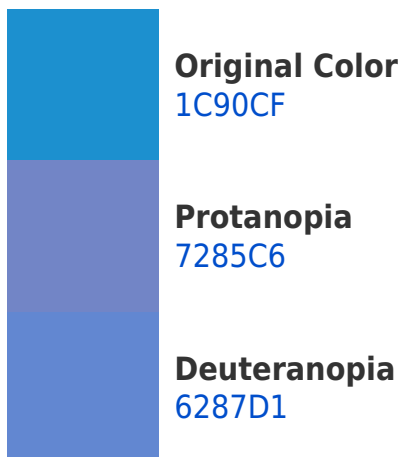


This preview shows how white text looks on a background with the Hex color 1C90CF.

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](#).

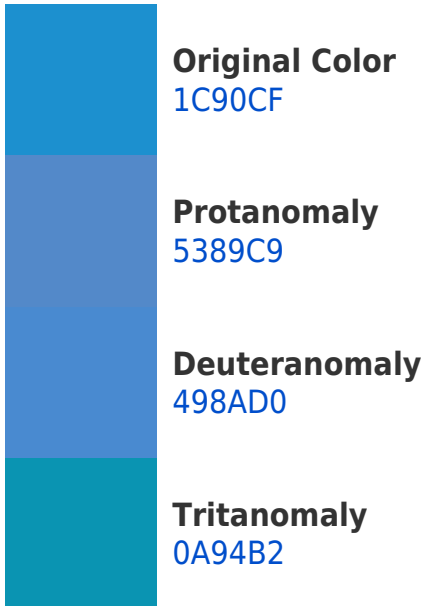
Dichromacy





Tritanopia
0097A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1C90CF 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 #1C90CF looks like.

```
.text, #text, p{  
    color:#1C90CF  
}
```

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 #1C90CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C90CF
}
```

Border

The CSS property to change the border of an element to Hex 1C90CF 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
#1C90CF }
```

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

```
.border{ border-color:#1C90CF }
```

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

Here you see how a box with a 4 pixel #1C90CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C90CF; -webkit-box-shadow:4px 4px  
4px 4px #1C90CF; box-shadow:4px 4px 4px  
4px #1C90CF }
```

Background

The CSS property to change the background color of an element to Hex 1C90CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C90CF }
```

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

```
.background{ background-color:#1C90CF }
```

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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