

Converting Colors

Hex(1E99CF)

Have a look what the booklet for
Hex(1E99CF) contains.

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Color

Hex(1E99CF)

Conversions

Conversions Part 1

Format	Color
Hex	1E99CF
RGB	30, 153, 207
RGB Percent	12%, 60%, 81%
CMY	0.8824, 0.4000, 0.1882
CMYK	0.86, 0.26, 0.00, 0.19
HSL	198°, 75%, 46%
HSV	198°, 86%, 81%
XYZ	23.1891, 27.5635, 63.1296
YIQ	122.3790, -90.6420, -9.2820

Conversions

Conversions Part 2

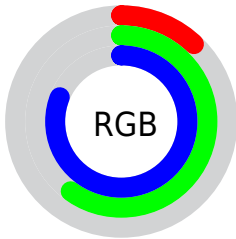
Format	Color
R_{YB}	30, 103, 207
Decimal	2005455
CIE _{Lab}	59.49, -12.97, -36.61
CIE _{LCh}	59, 38.841, 250.495
Yxy	27.5635, 0.2036, 0.2420
Android (android.graphics.Color)	4280195535 (0xFF1E99CF)
YUV	122.3790, 41.7182, -81.0164
Hunter-Lab	52.5009, -13.0350, -34.5424

Details

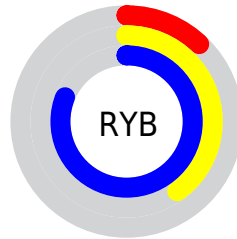
The Hex color **1E99CF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CF541E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6CCFFF**, and **006698** is the 20% darker color. If you saturate the color by 10%, you get **0993CF**, and if you desaturate by 10%, it is **339FCF**.

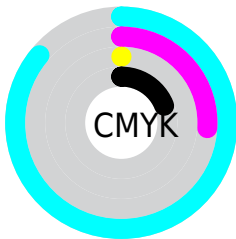
Distribution



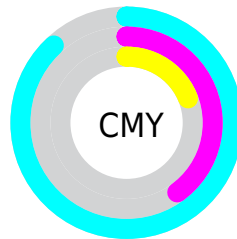
- Red (12%)
- Green (60%)
- Blue (81%)



- Red (12%)
- Yellow (40%)
- Blue (81%)



- Cyan (86%)
- Magenta (26%)
- Yellow (0%)
- Black (19%)



- Cyan (88%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E99CF 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 1E99CF by changing the saturation by 10% instead.

■ 1E99CF

■ 1E99CF

FFFFFF

■ 007FB3

■ 6CCFFF

■ 006698

■ 8BEBFF

■ 004E7E

■ AAFFFF

■ 003765

■ C9FFFF

■ 00224D

■ E7FFFF

■ 000536

■ 000220

■ 000003

■ 000000

■ 1E99CF

■ 1E99CF

■ 0993CF

■ 339FCF

■ 0090CF

■ 47A6CF

■ 5CACCF

■ 71B2CF

■ 86B9CF

■ 9ABFCF

■ AFC5CF

■ C4CCCF

■ D8D2CF

Harmonies

Analogous

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



009FBB



1E99CF



6F8FD2

Triad

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



1E99CF



D07484



749A5A

Complementary

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



1E99CF



CF541E

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.



99914A



1E99CF



CB7A65

Square

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



1E99CF



C377A7



B7854F



469F77

Rectangle

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



1E99CF



9386CA



B7854F



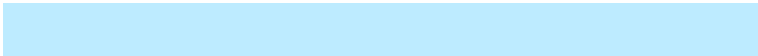
819753

Sweetspot

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



1E99CF



BDEBFF



1ECF53



587380



000000



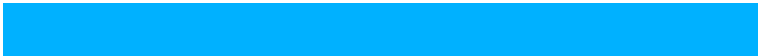
808080

Same Dimension

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



1E99CF



00B1FF



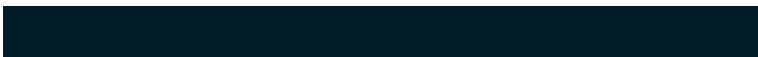
1E41CF



5E6569



0075A8



001C29

Inverse Universe

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



CF1E99



FF00B1



CFAC1E



695E65



A80075



29001C

Previews

White Background



This preview shows how the Hex color 1E99CF looks on a white background.

Color Contrast Check

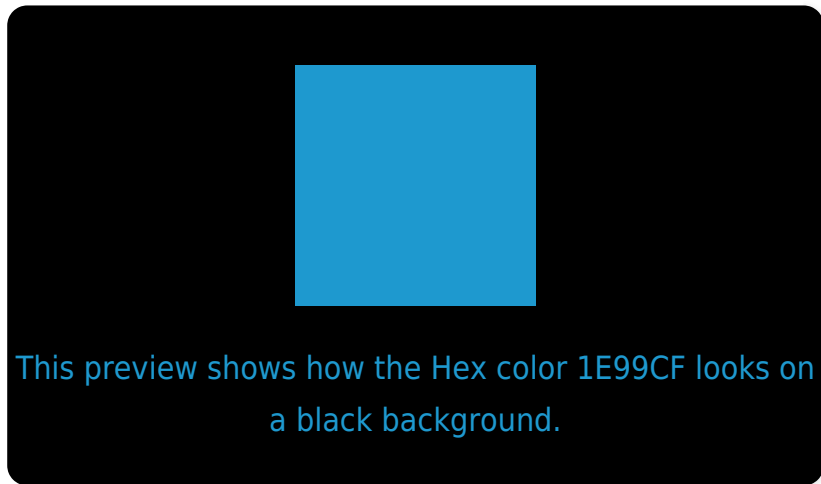
Large Text (above 18pt) WCAG AA ✓ Pass

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

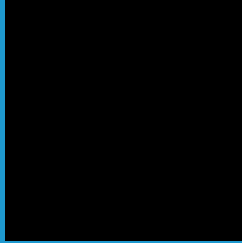
Any Text WCAG AA ✓ Pass

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 1E99CF Background



This preview shows how black text looks on a background with the Hex color 1E99CF.



This preview shows how white text looks on a background with the Hex color 1E99CF.

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](#).

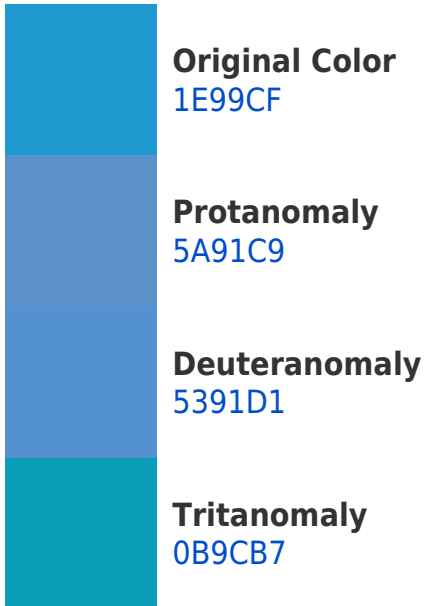
Dichromacy



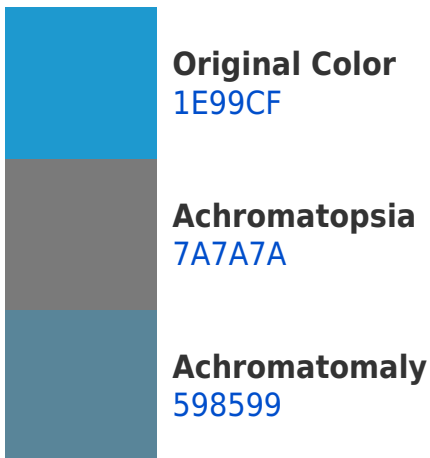


Tritanopia
009EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E99CF 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 #1E99CF looks like.

```
.text, #text, p{  
    color:#1E99CF  
}
```

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 #1E99CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E99CF
}
```

Border

The CSS property to change the border of an element to Hex 1E99CF 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
#1E99CF }
```

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

```
.border{ border-color:#1E99CF }
```

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

Here you see how a box with a 4 pixel #1E99CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E99CF; -webkit-box-shadow:4px 4px  
4px 4px #1E99CF; box-shadow:4px 4px 4px  
4px #1E99CF }
```

Background

The CSS property to change the background color of an element to Hex 1E99CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E99CF }
```

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

```
.background{ background-color:#1E99CF }
```

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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