

Converting Colors

Hex(1CA3F4)

Have a look what the booklet for
Hex(1CA3F4) contains.

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Color

Hex(1CA3F4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1CA3F4 |
| RGB | 28, 163, 244 |
| RGB Percent | 11%, 64%, 96% |
| CMY | 0.8902, 0.3608, 0.0431 |
| CMYK | 0.89, 0.33, 0.00, 0.04 |
| HSL | 202°, 91%, 53% |
| HSV | 202°, 89%, 96% |
| XYZ | 29.9052, 32.9729, 90.3762 |
| YIQ | 131.8690, -106.4610, -3.4290 |

Conversions

Conversions Part 2

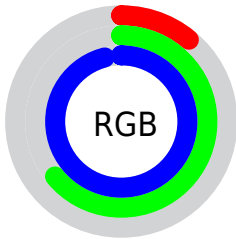
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 28, 111, 244 |
| Decimal | 1876980 |
| CIE Lab | 64.14, -5.35, -49.79 |
| CIE LCh | 64, 50.075, 263.863 |
| Yxy | 32.9729, 0.1951, 0.2152 |
| Android (android.graphics.Color) | 4280067060 (0xFF1CA3F4) |
| YUV | 131.8690, 55.2806, -91.0931 |
| Hunter-Lab | 57.4220, -7.5264, -53.1207 |

Details

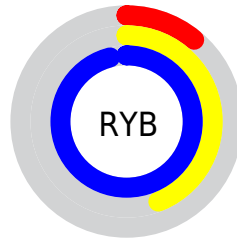
The Hex color **1CA3F4** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **F46D1C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **73DAFF**, and **0070BB** is the 20% darker color. If you saturate the color by 10%, you get **049AF4**, and if you desaturate by 10%, it is **34ACF4**.

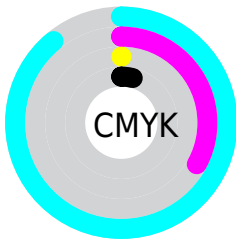
Distribution



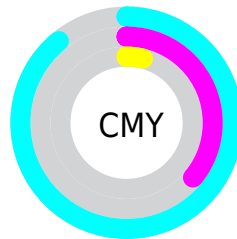
- Red (11%)
- Green (64%)
- Blue (96%)



- Red (11%)
- Yellow (44%)
- Blue (96%)



- Cyan (89%)
- Magenta (33%)
- Yellow (0%)
- Black (4%)



- Cyan (89%)
- Magenta (36%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CA3F4 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 1CA3F4 by changing the saturation by 10% instead.

 1CA3F4

 1CA3F4

FFFFFF

 0089D7

 73DAFF

 0070BB

 94F6FF

 0058A0

 B4FFFF

 004185

 D4FFFF

 002B6C

 F3FFFF

 001853

 00063B

 000224

 00000C

■ 1CA3F4

■ 1CA3F4

■ 049AF4

■ 34ACF4

■ 0099F4

■ 4DB5F4

■ 65BEF4

■ 7EC8F4

■ 96D1F4

■ AEDAF4

■ C7E3F4

■ DFECF4

■ F8F5F4

Harmonies

Analogous

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



00ADE3



1CA3F4



8F93ED

Triad

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



1CA3F4



EE787A



5BAD65

Complementary

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



1CA3F4



F46D1C

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.



92A446



1CA3F4



DE8554

Square

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



1CA3F4



E976A7



BD963F



00B190

Rectangle

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



1CA3F4



B987DC



BD963F



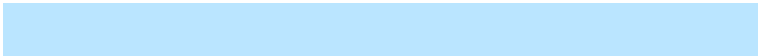
6FAA58

Sweetspot

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



1CA3F4



BAE5FF



1CF46B



577080



000000



808080

Same Dimension

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



1CA3F4



009FFF



1C39F4



6E767A



0074BA



00253B

Inverse Universe

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



F41CA3



FF009F



F4D71C



7A6E76



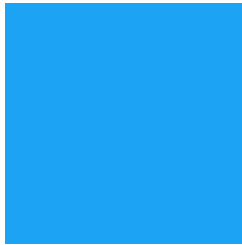
BA0074



3B0025

Previews

White Background



This preview shows how the Hex color 1CA3F4 looks on a white background.

Color Contrast Check

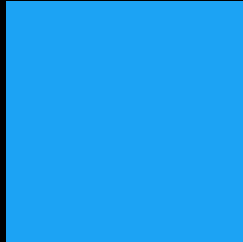
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1CA3F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

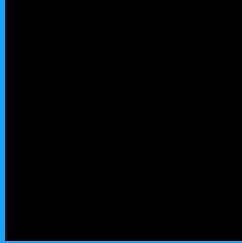
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

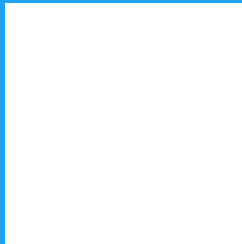
Any Text WCAG AAA ✓ Pass

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

Hex 1CA3F4 Background



This preview shows how black text looks on a background with the Hex color 1CA3F4.



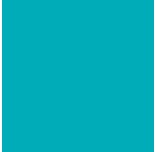
This preview shows how white text looks on a background with the Hex color 1CA3F4.

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](#).

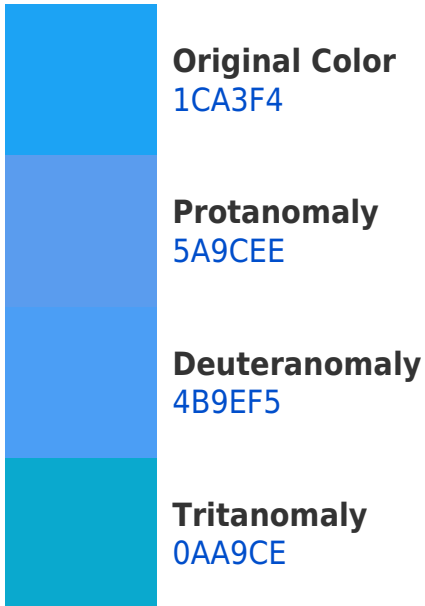
Dichromacy



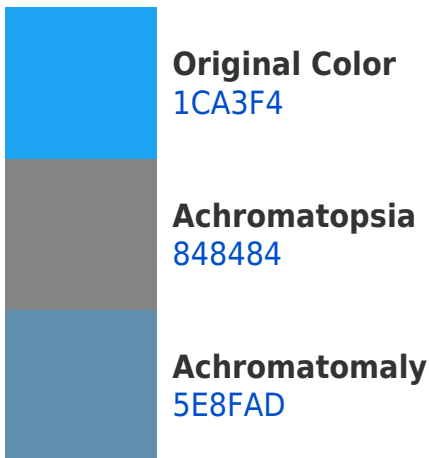


Tritanopia
00ACB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1CA3F4 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 #1CA3F4 looks like.

```
.text, #text, p{  
    color:#1CA3F4  
}
```

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 #1CA3F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CA3F4
}
```

Border

The CSS property to change the border of an element to Hex 1CA3F4 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
#1CA3F4 }
```

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

```
.border{ border-color:#1CA3F4 }
```

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

Here you see how a box with a 4 pixel #1CA3F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CA3F4; -webkit-box-shadow:4px 4px  
4px 4px #1CA3F4; box-shadow:4px 4px 4px  
4px #1CA3F4 }
```

Background

The CSS property to change the background color of an element to Hex 1CA3F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CA3F4 }
```

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

```
.background{ background-color:#1CA3F4 }
```

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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