

# Converting Colors

Hex(18C2FA)

Have a look what the booklet for  
Hex(18C2FA) contains.

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# **Color**

**Hex(18C2FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18C2FA
RGB	24, 194, 250
RGB Percent	9%, 76%, 98%
CMY	0.9059, 0.2392, 0.0196
CMYK	0.90, 0.22, 0.00, 0.02
HSL	195°, 96%, 54%
HSV	195°, 90%, 98%
XYZ	36.9238, 45.6799, 97.3135
YIQ	149.5540, -119.2960, -18.6240

# Conversions

## Conversions Part 2

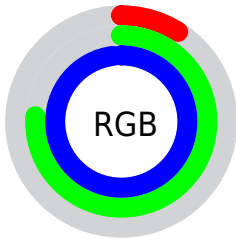
Format	Color
RYP	24, 121, 250
Decimal	1622778
CIELab	73.34, -20.24, -38.62
CIElCh	73, 43.603, 242.338
Yxy	45.6799, 0.2052, 0.2539
Android (android.graphics.Color)	4279812858 (0xFF18C2FA)
YUV	149.5540, 49.5199, -110.1109
Hunter-Lab	67.5869, -20.7597, -38.0566

# Details

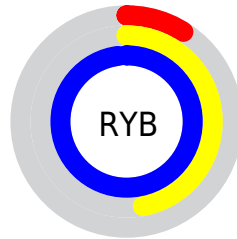
The Hex color **18C2FA** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FA5018**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **75FBFF**, and **008CC1** is the 20% darker color. If you saturate the color by 10%, you get **00BCFA**, and if you desaturate by 10%, it is **31C8FA**.

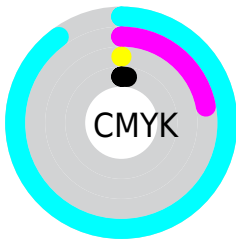
# Distribution



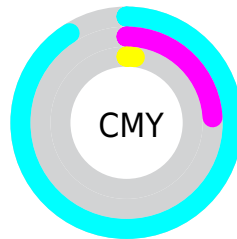
- Red (9%)
- Green (76%)
- Blue (98%)



- Red (9%)
- Yellow (47%)
- Blue (98%)



- Cyan (90%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (91%)
- Magenta (24%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18C2FA 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 18C2FA by changing the saturation by 10% instead.



 18C2FA

 18C2FA

FFFFFF

 00A7DD

 75FBFF

 008CC1

 97FFFF

 0073A6

 B7FFFF

 005A8B

 D7FFFF

 004372

 F7FFFF

 002C59

 001841

 00032A

 000115

 18C2FA

 18C2FA

 00BCFA

 31C8FA

 4ACEFA

 63D5FA

 7CDBFA

 95E1FA

 AEE7FA

 C7EDFA

 E0F4FA

 F9FAFA

# Harmonies

## Analogous

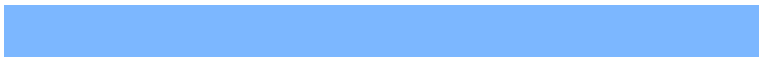
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00C8DE



18C2FA



7CB7FF

# Triad

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



18C2FA



FF94B2



A1BE6F

# Complementary

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



18C2FA



FA5018

# 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.



CBB363



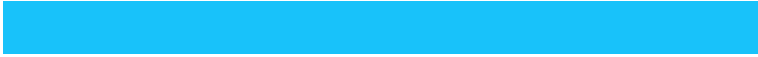
18C2FA



FF988B

# Square

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



18C2FA



E99BDA



EBA56E



6FC68E

# Rectangle

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



18C2FA



A9AEFE



EBA56E

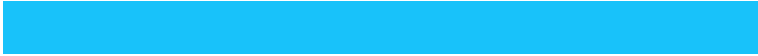


AFBB68

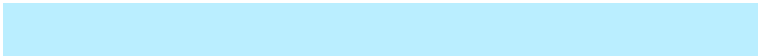


# Sweetspot

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



18C2FA



BAEEFF



18FA4D



577580



000000



808080

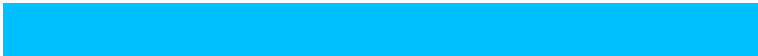


# Same Dimension

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



18C2FA



00C0FF



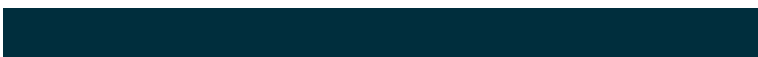
1854FA



707A7D



008EBD



002E3D



# Inverse Universe

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



FA18C2



FF00C0



FABE18



7D707A



BD008E

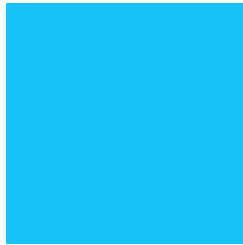


3D002E



# Previews

## White Background



This preview shows how the Hex color 18C2FA looks on a white background.

## Color Contrast Check

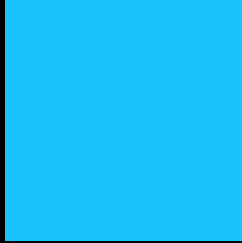
Large Text (above 18pt) WCAG AA × Fail

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 18C2FA 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

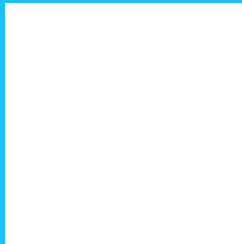
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 18C2FA Background



This preview shows how black text looks on a background with the Hex color 18C2FA.

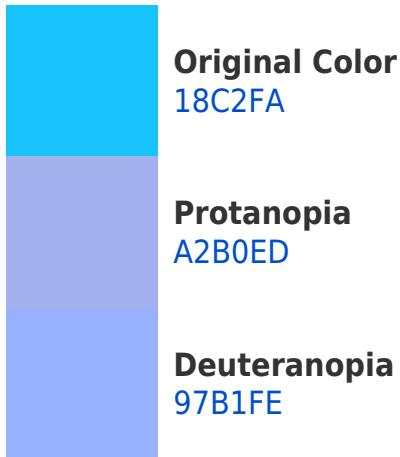


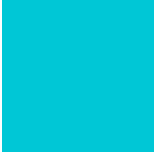
This preview shows how white text looks on a background with the Hex color 18C2FA.

# 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](#).

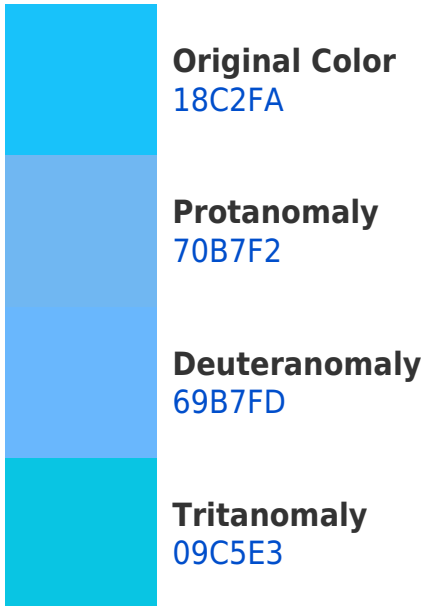
## Dichromacy



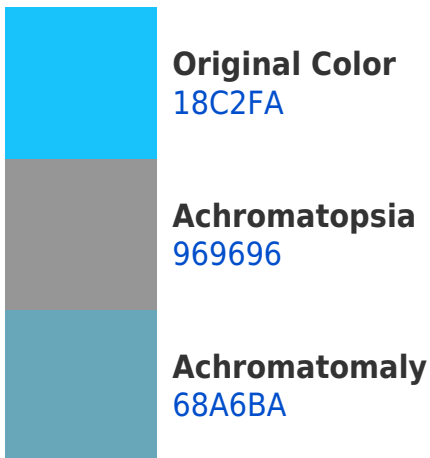


**Tritanopia**  
00C7D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18C2FA 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 #18C2FA looks like.

```
.text, #text, p{  
    color:#18C2FA  
}
```

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 #18C2FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18C2FA
}
```

## Border

The CSS property to change the border of an element to Hex 18C2FA 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
#18C2FA }
```

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

```
.border{ border-color:#18C2FA }
```

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

Here you see how a box with a 4 pixel #18C2FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18C2FA; -webkit-box-shadow:4px 4px  
4px 4px #18C2FA; box-shadow:4px 4px 4px  
4px #18C2FA }
```

# Background

The CSS property to change the background color of an element to Hex 18C2FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18C2FA }
```

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

```
.background{ background-color:#18C2FA }
```

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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