

Converting Colors

Hex(18D2F3)

Have a look what the booklet for
Hex(18D2F3) contains.

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Color

Hex(18D2F3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 18D2F3 |
| RGB | 24, 210, 243 |
| RGB Percent | 9%, 82%, 95% |
| CMY | 0.9059, 0.1765, 0.0471 |
| CMYK | 0.90, 0.14, 0.00, 0.05 |
| HSL | 189°, 90%, 52% |
| HSV | 189°, 90%, 95% |
| XYZ | 39.6009, 52.7584, 92.8902 |
| YIQ | 158.1480, -121.4490, -29.1690 |

Conversions

Conversions Part 2

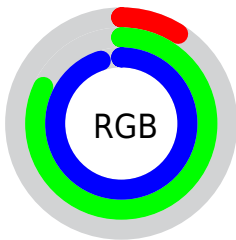
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 24, 125, 243 |
| Decimal | 1626867 |
| CIE Lab | 77.73, -30.57, -28.08 |
| CIE LCh | 78, 41.511, 222.563 |
| Yxy | 52.7584, 0.2138, 0.2848 |
| Android (android.graphics.Color) | 4279816947 (0xFF18D2F3) |
| YUV | 158.1480, 41.8320, -117.6478 |
| Hunter-Lab | 72.6350, -29.7922, -24.9793 |

Details

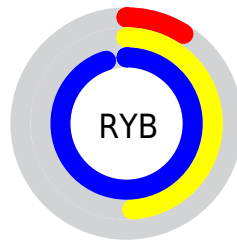
The Hex color **18D2F3** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F33918**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **76FFFF**, and **009BBB** is the 20% darker color. If you saturate the color by 10%, you get **00CEF3**, and if you desaturate by 10%, it is **30D6F3**.

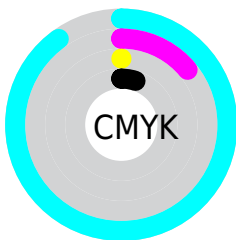
Distribution



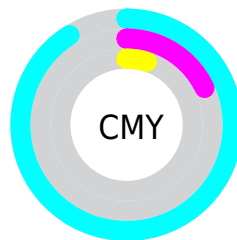
- Red (9%)
- Green (82%)
- Blue (95%)



- Red (9%)
- Yellow (49%)
- Blue (95%)



- Cyan (90%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (91%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18D2F3 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 18D2F3 by changing the saturation by 10% instead.

18D2F3

18D2F3

FFFFFF

00B6D7

76FFFF

009BBB

97FFFF

0081A0

B8FFFF

006785

D8FFFF

004F6C

F8FFFF

003754

00243C

000327

000110

■ 18D2F3

■ 18D2F3

■ 00CEF3

■ 30D6F3

■ 49D9F3

■ 61DDF3

■ 79E1F3

■ 91E4F3

■ AAE8F3

■ C2ECF3

■ DAEFF3

■ F3F3F3

Harmonies

Analogous

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



35D5D0



18D2F3



5FCAFF

Triad

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



18D2F3



FDA5D8



C9C374

Complementary

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



18D2F3



F33918

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.



EDB677



18D2F3



FFA2B1

Square

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



18D2F3



D9B0F9



FFA98E



9FCD86

Rectangle

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



18D2F3



8DC3FF



FFA98E



D6BF72

Sweetspot

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



18D2F3



BAF5FF



18F339



577980



000000



808080

Same Dimension

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



18D2F3



00D9FF



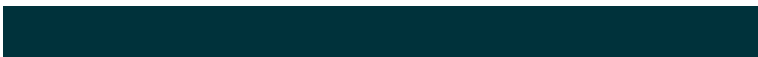
1865F3



6E797A



009EBA



00323B

Inverse Universe

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



F318D2



FF00D9



F3A618



7A6E79



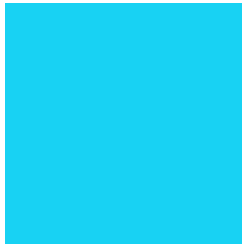
BA009E



3B0032

Previews

White Background



This preview shows how the Hex color 18D2F3 looks on a white background.

Color Contrast Check

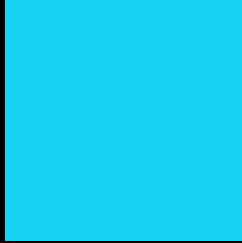
Large Text (above 18pt) WCAG AA × Fail

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 18D2F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

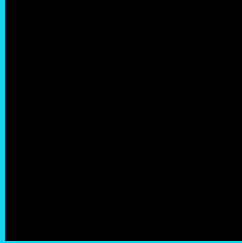
Any Text WCAG AA ✓ Pass

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 18D2F3 Background



This preview shows how black text looks on a background with the Hex color 18D2F3.

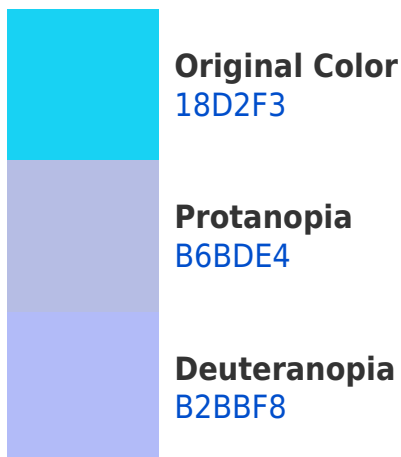


This preview shows how white text looks on a background with the Hex color 18D2F3.

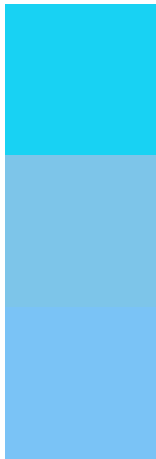
Color Blindness Simulation

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



Trichromacy

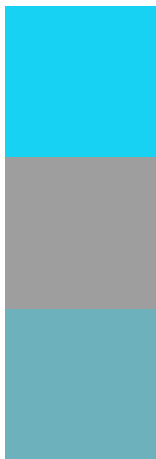


Original Color
18D2F3

Protanomaly
7DC5E9

Deuteranomaly
7AC3F6

Monochromacy



Original Color
18D2F3

Achromatopsia
9E9E9E

Achromatomaly
6DB1BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 18D2F3 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 #18D2F3 looks like.

```
.text, #text, p{  
    color:#18D2F3  
}
```

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 #18D2F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18D2F3
}
```

Border

The CSS property to change the border of an element to Hex 18D2F3 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
#18D2F3 }
```

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

```
.border{ border-color:#18D2F3 }
```

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

Here you see how a box with a 4 pixel #18D2F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18D2F3; -webkit-box-shadow:4px 4px  
4px 4px #18D2F3; box-shadow:4px 4px 4px  
4px #18D2F3 }
```

Background

The CSS property to change the background color of an element to Hex 18D2F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18D2F3 }
```

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

```
.background{ background-color:#18D2F3 }
```

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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