

Converting Colors

Hex(18FFD3)

Have a look what the booklet for
Hex(18FFD3) contains.

Hex(18FFD3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(18FFD3)

Conversions

Conversions Part 1

Format	Color
Hex	18FFD3
RGB	24, 255, 211
RGB Percent	9%, 100%, 83%
CMY	0.9059, 0.0000, 0.1725
CMYK	0.91, 0.00, 0.17, 0.00
HSL	169°, 100%, 55%
HSV	169°, 91%, 100%
XYZ	47.8946, 76.4173, 73.8537
YIQ	180.9150, -123.5520, -62.6560

Conversions

Conversions Part 2

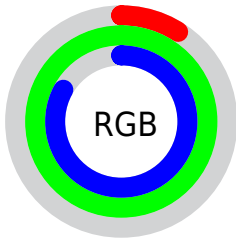
Format	Color
RYB	24, 152, 255
Decimal	1638355
CIELab	90.05, -59.24, 7.12
CIElCh	90, 59.670, 173.143
Yxy	76.4173, 0.2417, 0.3856
Android (android.graphics.Color)	4279828435 (0xFF18FFD3)
YUV	180.9150, 14.8319, -137.6145
Hunter-Lab	87.4170, -55.1821, 11.1011

Details

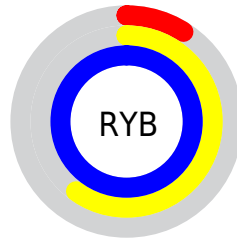
The Hex color **18FFD3** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF1844**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **79FFFF**, and **00C59D** is the 20% darker color. If you saturate the color by 10%, you get **00FFCE**, and if you desaturate by 10%, it is **31FFD8**.

Distribution



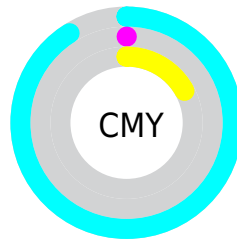
- Red (9%)
- Green (100%)
- Blue (83%)



- Red (9%)
- Yellow (60%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (91%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18FFD3 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 18FFD3 by changing the saturation by 10% instead.

 18FFD3

 18FFD3

FFFFFF

 00E2B7

 79FFFF

 00C59D

 9CFFFF

 00A982

 BDFFFF

 008E69

 DDFFFF

 007351

 FDFFFF

 00593A

 004025

 002810

 000000

 18FFD3

 18FFD3


 00FFCE

 31FFD8

 4BFFDD

 64FFE2

 7EFFE6

 97FFEB

 B1FFF0

 CBFFF5

 E4FFFA

 FDFFFF

Harmonies

Analogous

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



95F99C



18FFD3



00FFFF

Triad

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



18FFD3



D3D9FF



FFC689

Complementary

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



18FFD3



FF1844

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.



FFB6B9



18FFD3



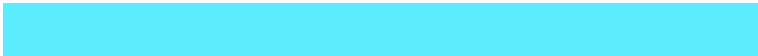
FFC3FF

Square

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



18FFD3



5CECFF



FFB4F2



FFDB6F

Rectangle

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



18FFD3



00FCFF



FFB4F2



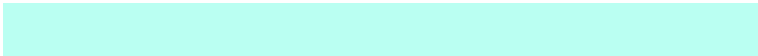
FFC097

Sweetspot

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



18FFD3



BAFFF2



46FF18



578078



000000



808080

Same Dimension

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



18FFD3



00FFCE



18BAFF



73807D



00BF9B



004034

Inverse Universe

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



FF1844



FF0031



FF5D18



807375



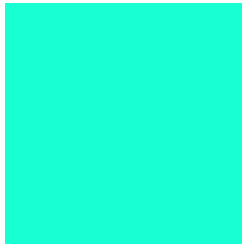
BF0024



40000C

Previews

White Background



This preview shows how the Hex color 18FFD3 looks on a white background.

Color Contrast Check

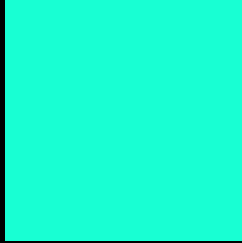
Large Text (above 18pt) WCAG AA × Fail

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 18FFD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

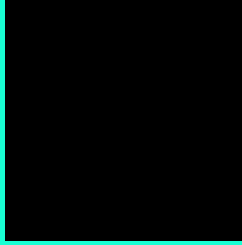
Any Text WCAG AA ✓ Pass

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 18FFD3 Background



This preview shows how black text looks on a background with the Hex color 18FFD3.

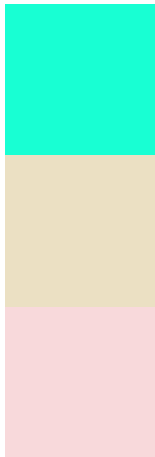


This preview shows how white text looks on a background with the Hex color 18FFD3.

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](#).

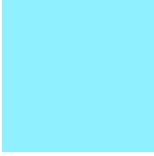
Dichromacy



Original Color
18FFD3

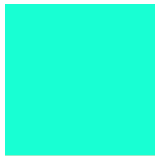
Protanopia
EBE0C3

Deuteranopia
F8D9DB

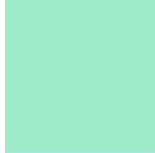


Tritanopia
8FF0FF

Trichromacy



Original Color
18FFD3



Protanomaly
9EEBC9



Deuteranomaly
A7E7D8

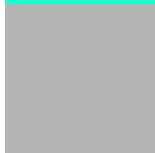


Tritanomaly
64F5EF

Monochromacy



Original Color
18FFD3



Achromatopsia
B5B5B5



Achromatomaly
7CD0C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 18FFD3 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 #18FFD3 looks like.

```
.text, #text, p{  
    color:#18FFD3  
}
```

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 #18FFD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18FFD3
}
```

Border

The CSS property to change the border of an element to Hex 18FFD3 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
#18FFD3 }
```

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

```
.border{ border-color:#18FFD3 }
```

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

Here you see how a box with a 4 pixel #18FFD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18FFD3; -webkit-box-shadow:4px 4px  
4px 4px #18FFD3; box-shadow:4px 4px 4px  
4px #18FFD3 }
```

Background

The CSS property to change the background color of an element to Hex 18FFD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18FFD3 }
```

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

```
.background{ background-color:#18FFD3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor