

Converting Colors

Hex(18DBF2)

Have a look what the booklet for
Hex(18DBF2) contains.

Hex(18DBF2)	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(18DBF2)

Conversions

Conversions Part 1

Format	Color
Hex	18DBF2
RGB	24, 219, 242
RGB Percent	9%, 86%, 95%
CMY	0.9059, 0.1412, 0.0510
CMYK	0.90, 0.10, 0.00, 0.05
HSL	186°, 89%, 52%
HSV	186°, 90%, 95%
XYZ	41.7352, 57.2680, 92.8586
YIQ	163.3170, -123.6030, -34.1870

Conversions

Conversions Part 2

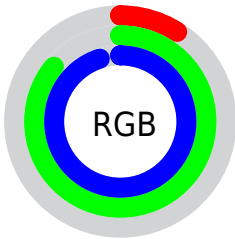
Format	Color
RYB	24, 127, 242
Decimal	1629170
CIELab	80.33, -35.18, -23.58
CIELCh	80, 42.350, 213.829
Yxy	57.2680, 0.2175, 0.2985
Android (android.graphics.Color)	4279819250 (0xFF18DBF2)
YUV	163.3170, 38.7907, -122.1810
Hunter-Lab	75.6756, -33.9894, -19.7794

Details

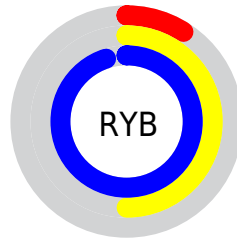
The Hex color **18DBF2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F22F18**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **77FFFF**, and **00A3BA** is the 20% darker color. If you saturate the color by 10%, you get **00D8F2**, and if you desaturate by 10%, it is **30DEF2**.

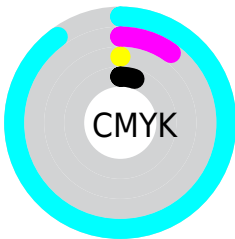
Distribution



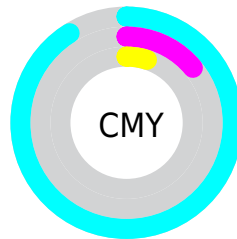
- Red (9%)
- Green (86%)
- Blue (95%)



- Red (9%)
- Yellow (50%)
- Blue (95%)



- Cyan (90%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (91%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18DBF2 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 18DBF2 by changing the saturation by 10% instead.

 18DBF2

FFFFFF

 77FFFF

 98FFFF

 B9FFFF


 D9FFFF

 F9FFFF

 18DBF2

 00BFD6

 00A3BA

 00899F

 006F85

 00566B

 003E53

 00283C

 000527

 000110

■ 18DBF2

■ 18DBF2

■ 00D8F2

■ 30DEF2

■ 48E0F2

■ 61E3F2

■ 79E5F2

■ 91E8F2

■ A9EAF2

■ C1EDF2

■ DAEFF2

■ F2F2F2

Harmonies

Analogous

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



4BDCCB



18DBF2



4FD5FF

Triad

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



18DBF2



FDAEEB



DCC777

Complementary

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



18DBF2



F22F18

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.



FEB981



18DBF2



FFA8C4

Square

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



18DBF2



D3BBFF



FFAD9D



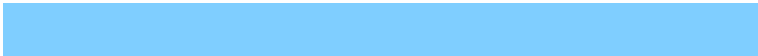
B2D284

Rectangle

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



18DBF2



7FCEFF



FFAD9D



E9C278

Sweetspot

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



18DBF2



BAF8FF



18F22E



577B80



000000



808080

Same Dimension

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



18DBF2



00E4FF



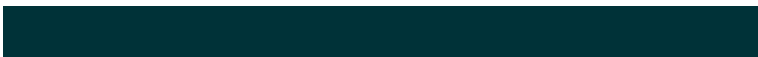
186FF2



6C7778



00A4B8



003238

Inverse Universe

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



F218DB



FF00E4



F29B18



786C77



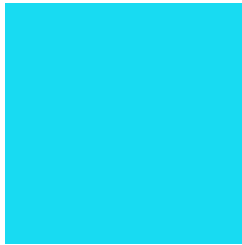
B800A4



380032

Previews

White Background



This preview shows how the Hex color 18DBF2 looks on a white background.

Color Contrast Check

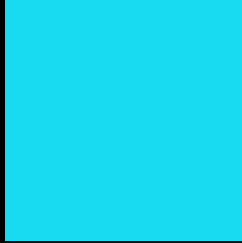
Large Text (above 18pt) WCAG AA × Fail

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 18DBF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

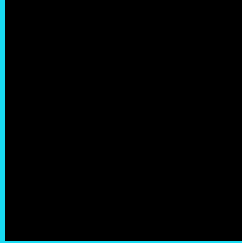
Any Text WCAG AA ✓ Pass

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 18DBF2 Background



This preview shows how black text looks on a background with the Hex color 18DBF2.

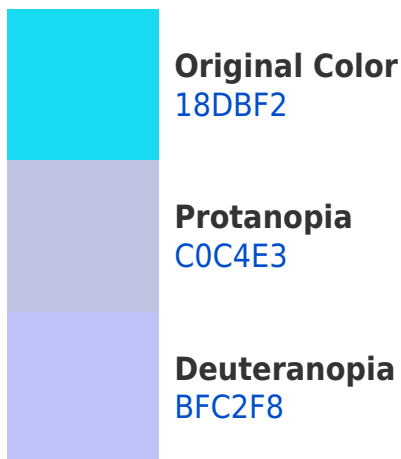


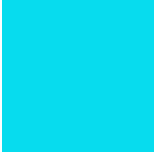
This preview shows how white text looks on a background with the Hex color 18DBF2.

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





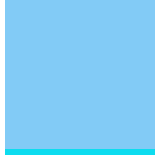
Trichromacy



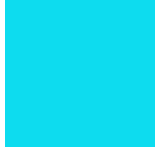
Original Color
18DBF2



Protanomaly
83CCE8



Deuteranomaly
82CBF6

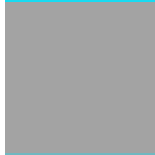


Tritanomaly
0DDCEF

Monochromacy



Original Color
18DBF2



Achromatopsia
A3A3A3



Achromatomaly
70B7C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 18DBF2 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 #18DBF2 looks like.

```
.text, #text, p{  
    color:#18DBF2  
}
```

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 #18DBF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18DBF2
}
```

Border

The CSS property to change the border of an element to Hex 18DBF2 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
#18DBF2 }
```

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

```
.border{ border-color:#18DBF2 }
```

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

Here you see how a box with a 4 pixel #18DBF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18DBF2; -webkit-box-shadow:4px 4px  
4px 4px #18DBF2; box-shadow:4px 4px 4px  
4px #18DBF2 }
```

Background

The CSS property to change the background color of an element to Hex 18DBF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18DBF2 }
```

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

```
.background{ background-color:#18DBF2 }
```

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