

Converting Colors

Hex(18EBEB)

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

Hex(18EBEB)	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(18EBEB)

Conversions

Conversions Part 1

Format	Color
Hex	18EBEB
RGB	24, 235, 235
RGB Percent	9%, 92%, 92%
CMY	0.9059, 0.0784, 0.0784
CMYK	0.90, 0.00, 0.00, 0.08
HSL	180°, 84%, 51%
HSV	180°, 90%, 92%
XYZ	45.0804, 65.6090, 88.8851
YIQ	171.9110, -125.7560, -44.7320

Conversions

Conversions Part 2

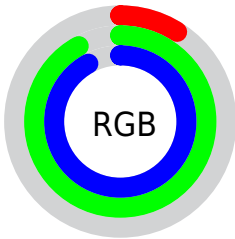
Format	Color
RYB	24, 130, 235
Decimal	1633259
CIELab	84.80, -44.54, -13.13
CIElCh	85, 46.434, 196.428
Yxy	65.6090, 0.2259, 0.3287
Android (android.graphics.Color)	4279823339 (0xFF18EBEB)
YUV	171.9110, 31.1029, -129.7179
Hunter-Lab	80.9994, -42.4043, -8.3626

Details

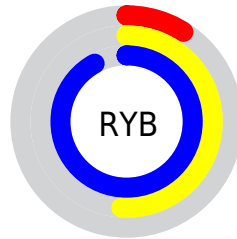
The Hex color **18EBEB** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **EB1818**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **78FFFF**, and **00B2B3** is the 20% darker color. If you saturate the color by 10%, you get **00EBEB**, and if you desaturate by 10%, it is **30EBEB**.

Distribution



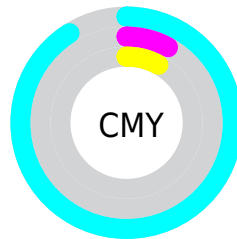
- Red (9%)
- Green (92%)
- Blue (92%)



- Red (9%)
- Yellow (51%)
- Blue (92%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (91%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 18EBEB

 18EBEB

FFFFFF

 00CECF

 78FFFF

 00B2B3

 9AFFFF

 009799

 BBFFFF

 007D7F

 DBFFFF

 006366

 FBFFFF

 004A4E

 003237

 001A22

 00000A

 18EBEB

 18EBEB

 00EBEB

 30EBEB

 47EBEB

 5EEBEB

 76EBEB

 8DEBEB

 A5EBEB

 BCEBEB

 D4EBEB

 ECEBEB

Harmonies

Analogous

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



6DEABE



18EBEB



00E7FF

Triad

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



18EBEB



F7C0FF



FFCA7E

Complementary

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



18EBEB



EB1818

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.



FFBB96



18EBEB



FFB3EA

Square

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



18EBEB



BBD0FF



FFB2BD



D8D97E

Rectangle

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



18EBEB



4EE2FF



FFB2BD



FFC584

Sweetspot

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



18EBEB



BAFFFF



18EB18



578080



000000



808080

Same Dimension

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



18EBEB



00FFFF



1882EB



6A7575



00B5B5



003636

Inverse Universe

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



EB18EB



FF00FF



EB8218



756A75



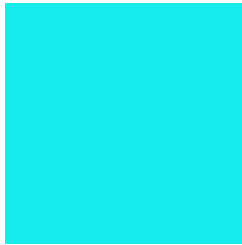
B500B5



360036

Previews

White Background



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

Color Contrast Check

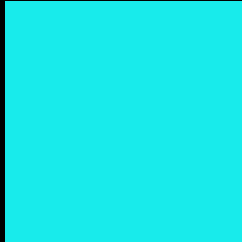
Large Text (above 18pt) WCAG AA × Fail

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 18EBEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

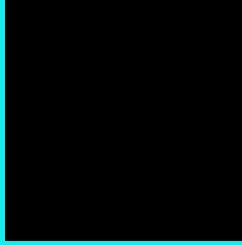
Any Text WCAG AA ✓ Pass

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 18EBEB Background



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

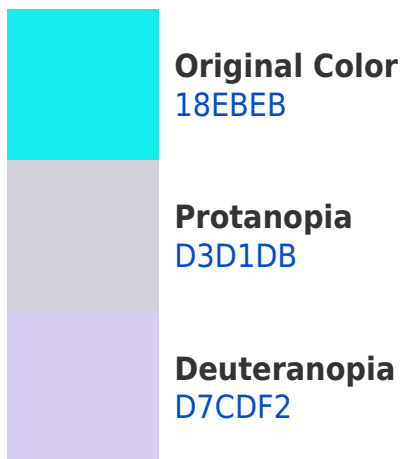


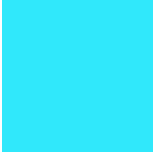
This preview shows how white text looks on a background with the Hex color 18EBEB.

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



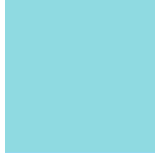


Tritanopia
30E8FB

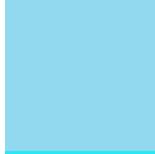
Trichromacy



Original Color
18EBEB



Protanomaly
8FDAE1



Deuteranomaly
92D8EF

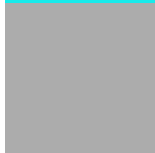


Tritanomaly
27E9F5

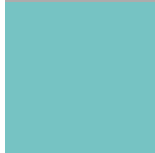
Monochromacy



Original Color
18EBEB



Achromatopsia
ACACAC



Achromatomaly
76C3C3

CSS Examples

Text

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

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

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 #18EBEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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