

Converting Colors

Hex(18C5EE)

Have a look what the booklet for
Hex(18C5EE) contains.

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Color

Hex(18C5EE)

Conversions

Conversions Part 1

Format	Color
Hex	18C5EE
RGB	24, 197, 238
RGB Percent	9%, 77%, 93%
CMY	0.9059, 0.2275, 0.0667
CMYK	0.90, 0.17, 0.00, 0.07
HSL	191°, 86%, 51%
HSV	191°, 90%, 93%
XYZ	35.7756, 46.2997, 87.9401
YIQ	149.9470, -116.2690, -23.9250

Conversions

Conversions Part 2

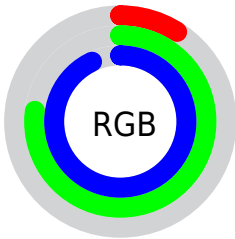
Format	Color
RYB	24, 120, 238
Decimal	1623534
CIELab	73.74, -25.80, -31.53
CIELCh	74, 40.740, 230.710
Yxy	46.2997, 0.2104, 0.2723
Android (android.graphics.Color)	4279813614 (0xFF18C5EE)
YUV	149.9470, 43.4101, -110.4555
Hunter-Lab	68.0439, -25.2266, -28.9958

Details

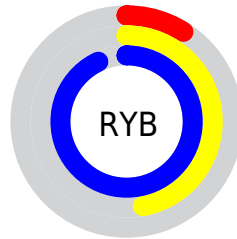
The Hex color **18C5EE** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EE4118**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **73FEFF**, and **008FB6** is the 20% darker color. If you saturate the color by 10%, you get **00C0EE**, and if you desaturate by 10%, it is **30CAEE**.

Distribution



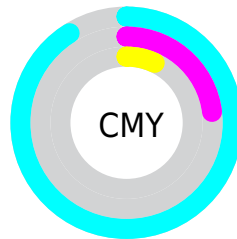
- Red (9%)
- Green (77%)
- Blue (93%)



- Red (9%)
- Yellow (47%)
- Blue (93%)



- Cyan (90%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (91%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18C5EE 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 18C5EE by changing the saturation by 10% instead.

 18C5EE

 18C5EE

FFFFFF

 00AAD2


 73FEFF

 008FB6

 95FFFF

 00759B

 B5FFFF

 005C81

 D5FFFF

 004468

 F4FFFF

 002E4F

 001838

 000222

 000009

■ 18C5EE

■ 18C5EE

■ 00C0EE

■ 30CAEE

■ 48CEEE

■ 5FD3EE

■ 77D7EE

■ 8FDCEE

■ A7E0EE

■ BFE5EE

■ D6E9EE

■ EEEEE

Harmonies

Analogous

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



0FC9CE



18C5EE



69BCFE

Triad

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



18C5EE



F699C2



B3BB6E

Complementary

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



18C5EE



EE4118

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.



D8AF6B



18C5EE



FE999D

Square

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



18C5EE



D9A2E5



F3A27D



88C485

Rectangle

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



18C5EE



95B4FE



F3A27D



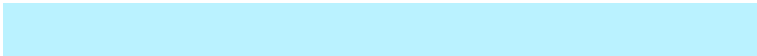
C0B76B

Sweetspot

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



18C5EE



BAF2FF



18EE3F



577880



000000



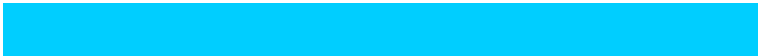
808080

Same Dimension

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



18C5EE



00CEFF



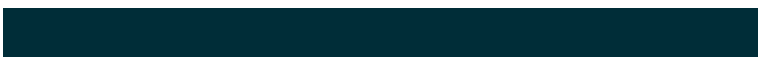
185CEE



6C7678



0094B8



002D38

Inverse Universe

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



EE18C5



FF00CE



EEAA18



786C76



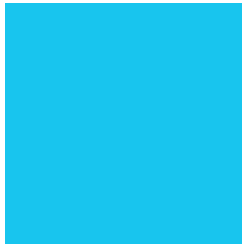
B80094



38002D

Previews

White Background



This preview shows how the Hex color 18C5EE looks on a white background.

Color Contrast Check

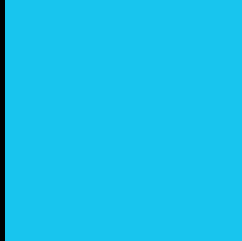
Large Text (above 18pt) WCAG AA × Fail

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 18C5EE 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 18C5EE Background



This preview shows how black text looks on a background with the Hex color 18C5EE.

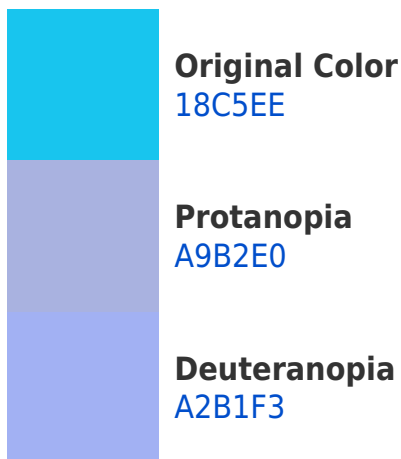


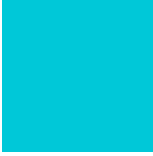
This preview shows how white text looks on a background with the Hex color 18C5EE.

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](#).

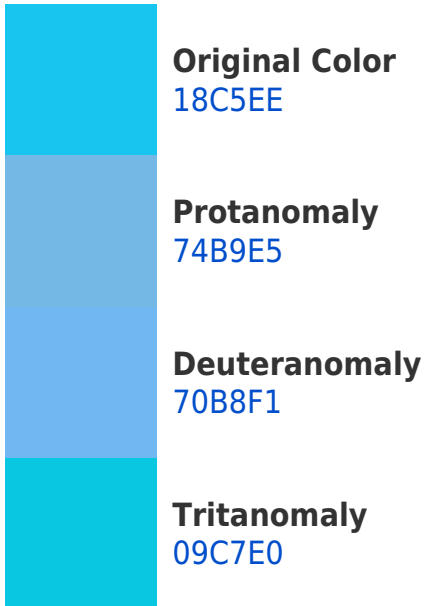
Dichromacy





Tritanopia
00C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 18C5EE 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 #18C5EE looks like.

```
.text, #text, p{  
    color:#18C5EE  
}
```

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 #18C5EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18C5EE
}
```

Border

The CSS property to change the border of an element to Hex 18C5EE 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
#18C5EE }
```

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

```
.border{ border-color:#18C5EE }
```

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

Here you see how a box with a 4 pixel #18C5EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18C5EE; -webkit-box-shadow:4px 4px  
4px 4px #18C5EE; box-shadow:4px 4px 4px  
4px #18C5EE }
```

Background

The CSS property to change the background color of an element to Hex 18C5EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18C5EE }
```

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

```
.background{ background-color:#18C5EE }
```

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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