

Converting Colors

Hex(18CDE7)

Have a look what the booklet for
Hex(18CDE7) contains.

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Color

Hex(18CDE7)

Conversions

Conversions Part 1

Format	Color
Hex	18CDE7
RGB	24, 205, 231
RGB Percent	9%, 80%, 91%
CMY	0.9059, 0.1961, 0.0941
CMYK	0.90, 0.11, 0.00, 0.09
HSL	188°, 81%, 50%
HSV	188°, 90%, 91%
XYZ	36.6318, 49.6264, 83.2495
YIQ	153.8450, -116.2220, -30.2860

Conversions

Conversions Part 2

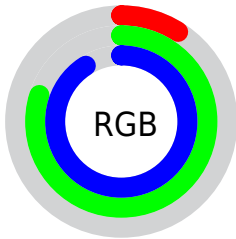
Format	Color
RYB	24, 121, 231
Decimal	1625575
CIELab	75.84, -31.99, -24.54
CIELCh	76, 40.319, 217.489
Yxy	49.6264, 0.2161, 0.2928
Android (android.graphics.Color)	4279815655 (0xFF18CDE7)
YUV	153.8450, 38.0374, -113.8741
Hunter-Lab	70.4460, -30.4607, -20.7537

Details

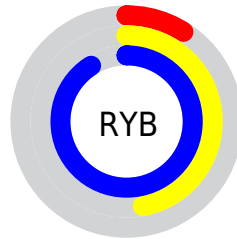
The Hex color **18CDE7** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **E73218**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **73FFFF**, and **0096AF** is the 20% darker color. If you saturate the color by 10%, you get **01CAE7**, and if you desaturate by 10%, it is **2FD0E7**.

Distribution



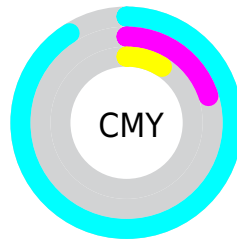
- Red (9%)
- Green (80%)
- Blue (91%)



- Red (9%)
- Yellow (47%)
- Blue (91%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)



- Cyan (91%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18CDE7 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 18CDE7 by changing the saturation by 10% instead.

 18CDE7

 18CDE7

FFFFFF

 00B1CB

 73FFFF

 0096AF

 94FFFF

 007C95

 B5FFFF

 00637B

 D4FFFF

 004A62

 F4FFFF

 00334A

 001F33

 00021E

 000000

■ 18CDE7

■ 18CDE7

■ 01CAE7

■ 2FD0E7

■ 00CAE7

■ 46D3E7

■ 5DD6E7

■ 74D9E7

■ 8CDCE7

■ A3DEE7

■ BAE1E7

■ D1E4E7

■ E8E7E7

Harmonies

Analogous

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



40CFC3



18CDE7



53C6FF

Triad

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



18CDE7



F1A2D8



CABC70

Complementary

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



18CDE7



E73218

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.



EBAF77



18CDE7



FF9EB3

Square

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



18CDE7



CBAEF6



FFA38F



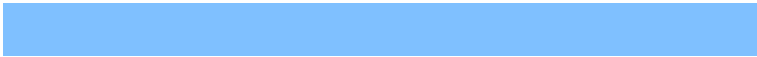
A2C67F

Rectangle

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



18CDE7



7FC0FF



FFA38F



D6B870

Sweetspot

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



18CDE7



BAF6FF



18E730



577A80



000000



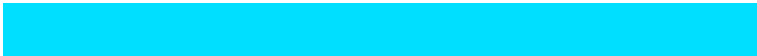
808080

Same Dimension

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



18CDE7



00DFFF



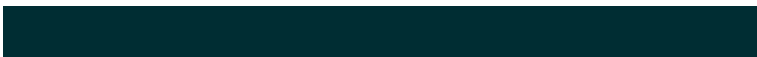
1867E7



677173



009CB3



002D33

Inverse Universe

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



E718CD



FF00DF



E79818



736771



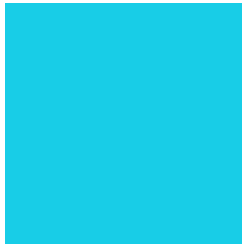
B3009C



33002D

Previews

White Background



This preview shows how the Hex color 18CDE7 looks on a white background.

Color Contrast Check

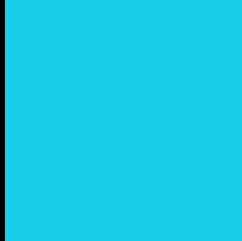
Large Text (above 18pt) WCAG AA × Fail

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 18CDE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

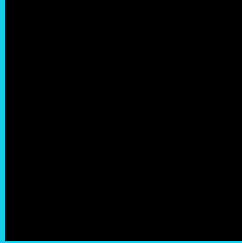
Any Text WCAG AA ✓ Pass

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 18CDE7 Background



This preview shows how black text looks on a background with the Hex color 18CDE7.



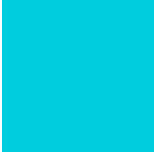
This preview shows how white text looks on a background with the Hex color 18CDE7.

Color Blindness Simulation

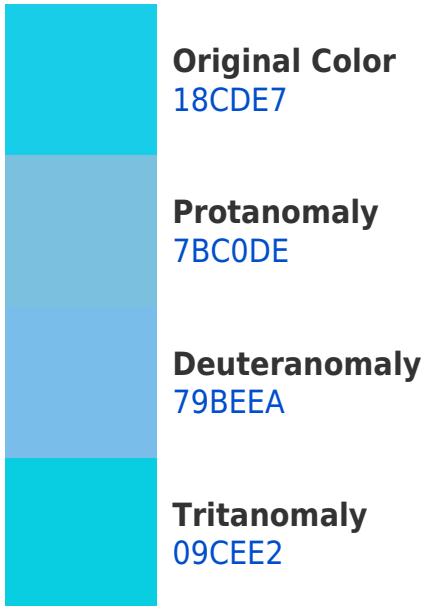
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 18CDE7 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 #18CDE7 looks like.

```
.text, #text, p{  
    color:#18CDE7  
}
```

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 #18CDE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18CDE7
}
```

Border

The CSS property to change the border of an element to Hex 18CDE7 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
#18CDE7 }
```

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

```
.border{ border-color:#18CDE7 }
```

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

Here you see how a box with a 4 pixel #18CDE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18CDE7; -webkit-box-shadow:4px 4px  
4px 4px #18CDE7; box-shadow:4px 4px 4px  
4px #18CDE7 }
```

Background

The CSS property to change the background color of an element to Hex 18CDE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18CDE7 }
```

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

```
.background{ background-color:#18CDE7 }
```

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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