

Converting Colors

Hex(18AED8)

Have a look what the booklet for
Hex(18AED8) contains.

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Color

Hex(18AED8)

Conversions

Conversions Part 1

Format	Color
Hex	18AED8
RGB	24, 174, 216
RGB Percent	9%, 68%, 85%
CMY	0.9059, 0.3176, 0.1529
CMYK	0.89, 0.19, 0.00, 0.15
HSL	193°, 80%, 47%
HSV	193°, 89%, 85%
XYZ	27.9074, 35.4242, 70.3324
YIQ	133.9380, -102.8820, -18.7380

Conversions

Conversions Part 2

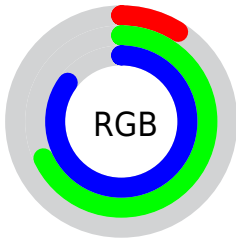
Format	Color
R _Y B	24, 108, 216
Decimal	1617624
CIE Lab	66.08, -21.46, -31.37
CIE LCh	66, 38.009, 235.631
Yxy	35.4242, 0.2088, 0.2650
Android (android.graphics.Color)	4279807704 (0xFF18AED8)
YUV	133.9380, 40.4566, -96.4156
Hunter-Lab	59.5182, -20.4602, -28.4000

Details

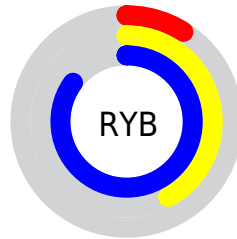
The Hex color **18AED8** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **D84218**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6DE6FF**, and **0079A1** is the 20% darker color. If you saturate the color by 10%, you get **02A9D8**, and if you desaturate by 10%, it is **2EB3D8**.

Distribution



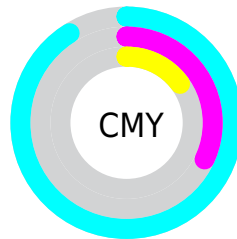
- Red (9%)
- Green (68%)
- Blue (85%)



- Red (9%)
- Yellow (42%)
- Blue (85%)



- Cyan (89%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)



- Cyan (91%)
- Magenta (32%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18AED8 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 18AED8 by changing the saturation by 10% instead.

18AED8

18AED8

FFFFFF

0093BC

6DE6FF

0079A1

8EFFFF

006087

ADFFFF

00496D

CCFFFF

003255

EBFFFF

001F3D

000327

000111

000000

■ 18AED8

■ 18AED8

■ 02A9D8

■ 2EB3D8

■ 00A9D8

■ 43B7D8

■ 59BCD8

■ 6EC1D8

■ 84C6D8

■ 9ACAD8

■ AFCFD8

■ C5D4D8

■ DAD9D8

Harmonies

Analogous

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



00B2BD



18AED8



64A6E4

Triad

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



18AED8



DE86A7



99A762

Complementary

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



18AED8



D84218

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.



BB9D5C



18AED8



E28885

Square

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



18AED8



C78DC8



D59169



71AF79

Rectangle

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



18AED8



8C9EE2



D59169



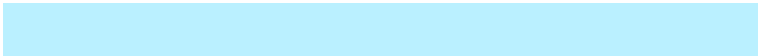
A5A45E

Sweetspot

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



18AED8



BAF0FF



18D842



577780



000000



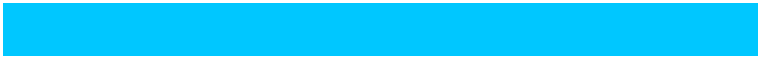
808080

Same Dimension

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



18AED8



00C7FF



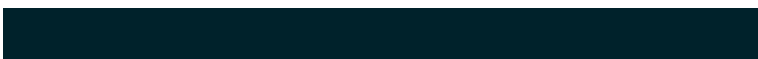
184ED8



60696B



0085AB



00222B

Inverse Universe

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



D818AE



FF00C7



D8A218



6B6069



AB0085



2B0022

Previews

White Background



This preview shows how the Hex color 18AED8 looks on a white background.

Color Contrast Check

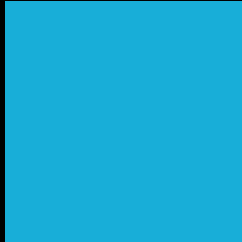
Large Text (above 18pt) WCAG AA × Fail

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 18AED8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

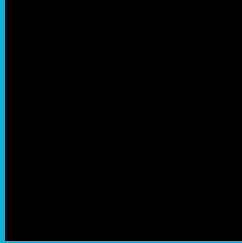
Any Text WCAG AA ✓ Pass

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 18AED8 Background



This preview shows how black text looks on a background with the Hex color 18AED8.

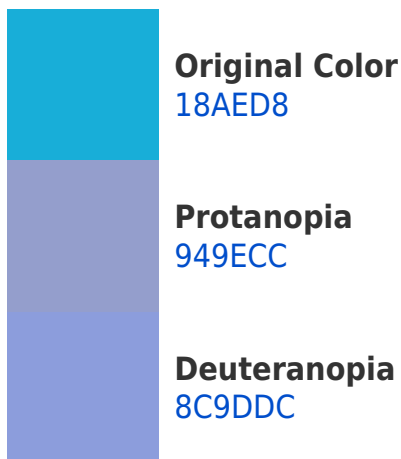


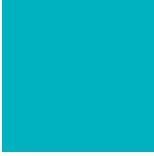
This preview shows how white text looks on a background with the Hex color 18AED8.

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
00B1BF

Trichromacy



Original Color
18AED8



Protanomaly
67A4D0



Deuteranomaly
62A3DB



Tritanomaly
09B0C8

Monochromacy



Original Color
18AED8



Achromatopsia
868686



Achromatomaly
5E95A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 18AED8 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 #18AED8 looks like.

```
.text, #text, p{  
    color:#18AED8  
}
```

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 #18AED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18AED8
}
```

Border

The CSS property to change the border of an element to Hex 18AED8 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
#18AED8 }
```

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

```
.border{ border-color:#18AED8 }
```

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

Here you see how a box with a 4 pixel #18AED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18AED8; -webkit-box-shadow:4px 4px  
4px 4px #18AED8; box-shadow:4px 4px 4px  
4px #18AED8 }
```

Background

The CSS property to change the background color of an element to Hex 18AED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18AED8 }
```

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

```
.background{ background-color:#18AED8 }
```

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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