

Converting Colors

Hex(17AED4)

Have a look what the booklet for
Hex(17AED4) contains.

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Color

Hex(17AED4)

Conversions

Conversions Part 1

Format	Color
Hex	17AED4
RGB	23, 174, 212
RGB Percent	9%, 68%, 83%
CMY	0.9098, 0.3176, 0.1686
CMYK	0.89, 0.18, 0.00, 0.17
HSL	192°, 80%, 46%
HSV	192°, 89%, 83%
XYZ	27.3731, 35.2077, 67.6404
YIQ	133.1830, -102.1940, -20.1940

Conversions

Conversions Part 2

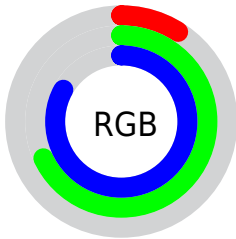
Format	Color
RYB	23, 107, 212
Decimal	1552084
CIELab	65.91, -22.87, -29.43
CIELCh	66, 37.270, 232.148
Yxy	35.2077, 0.2102, 0.2704
Android (android.graphics.Color)	4279742164 (0xFF17AED4)
YUV	133.1830, 38.8568, -96.6305
Hunter-Lab	59.3361, -21.4921, -26.0526

Details

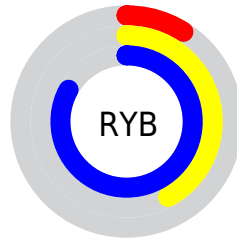
The Hex color **17AED4** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **D43D17**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6CE6FF**, and **00799D** is the 20% darker color. If you saturate the color by 10%, you get **02AAD4**, and if you desaturate by 10%, it is **2CB2D4**.

Distribution



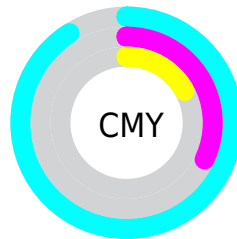
- Red (9%)
- Green (68%)
- Blue (83%)



- Red (9%)
- Yellow (42%)
- Blue (83%)



- Cyan (89%)
- Magenta (18%)
- Yellow (0%)
- Black (17%)



- Cyan (91%)
- Magenta (32%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17AED4 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 17AED4 by changing the saturation by 10% instead.

17AED4

17AED4

FFFFFF

0093B8

6CE6FF

00799D

8CFFFF

006083

ACFFFF

00486A

CBFFFF

003251

E9FFFF

001F3A

000224

00000C

000000

■ 17AED4

■ 17AED4

■ 02AAD4

■ 2CB2D4

■ 00A9D4

■ 41B7D4

■ 57BBD4

■ 6CBFD4

■ 81C3D4

■ 96C8D4

■ ABCCD4

■ C1D0D4

■ D6D4D4

Harmonies

Analogous

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



04B2B8



17AED4



5FA6E2

Triad

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



17AED4



DB87AA



9DA661

Complementary

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



17AED4



D43D17

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.



BE9B5E



17AED4



E18789

Square

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



17AED4



C28FCA



D6906D



76AD76

Rectangle

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



17AED4



869FE1



D6906D



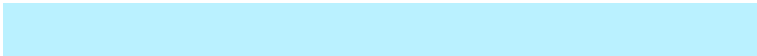
A9A35E

Sweetspot

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



17AED4



BAF1FF



17D43D



577780



000000



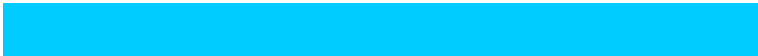
808080

Same Dimension

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



17AED4



00CCFF



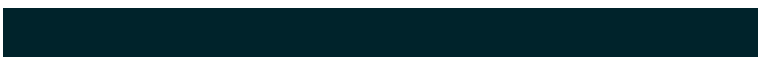
1750D4



60696B



0088AB



00232B

Inverse Universe

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



D417AE



FF00CC



D49B17



6B6069



AB0088



2B0023

Previews

White Background



This preview shows how the Hex color 17AED4 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 17AED4 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 17AED4 Background



This preview shows how black text looks on a background with the Hex color 17AED4.

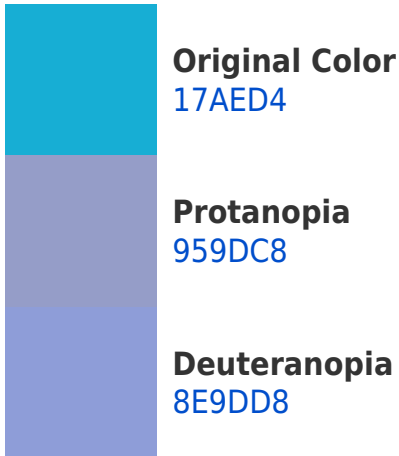


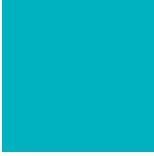
This preview shows how white text looks on a background with the Hex color 17AED4.

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](#).

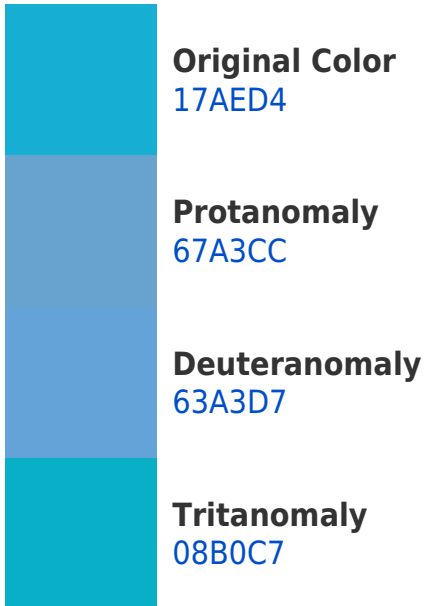
Dichromacy





Tritanopia
00B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 17AED4 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 #17AED4 looks like.

```
.text, #text, p{  
    color:#17AED4  
}
```

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 #17AED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17AED4
}
```

Border

The CSS property to change the border of an element to Hex 17AED4 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
#17AED4 }
```

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

```
.border{ border-color:#17AED4 }
```

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

Here you see how a box with a 4 pixel #17AED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17AED4; -webkit-box-shadow:4px 4px  
4px 4px #17AED4; box-shadow:4px 4px 4px  
4px #17AED4 }
```

Background

The CSS property to change the background color of an element to Hex 17AED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17AED4 }
```

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

```
.background{ background-color:#17AED4 }
```

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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