

# Converting Colors

Hex(17A6E7)

Have a look what the booklet for  
Hex(17A6E7) contains.

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# Color

Hex(17A6E7)

# Conversions

## Conversions Part 1

Format	Color
Hex	17A6E7
RGB	23, 166, 231
RGB Percent	9%, 65%, 91%
CMY	0.9098, 0.3490, 0.0941
CMYK	0.90, 0.28, 0.00, 0.09
HSL	199°, 82%, 50%
HSV	199°, 90%, 91%
XYZ	28.4134, 33.2241, 80.5167
YIQ	130.6530, -106.0930, -10.1010

# Conversions

## Conversions Part 2

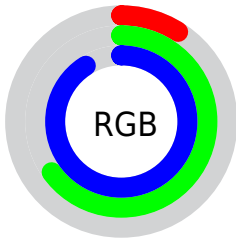
Format	Color
R <sub>YB</sub>	23, 108, 231
Decimal	1550055
CIE Lab	64.34, -11.98, -42.34
CIE LCh	64, 44.000, 254.201
Yxy	33.2241, 0.1999, 0.2337
Android (android.graphics.Color)	4279740135 (0xFF17A6E7)
YUV	130.6530, 49.4711, -94.4117
Hunter-Lab	57.6404, -12.8804, -42.4727

# Details

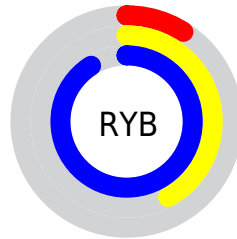
The Hex color **17A6E7** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E75817**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6FDDFF**, and **0072AF** is the 20% darker color. If you saturate the color by 10%, you get **009FE7**, and if you desaturate by 10%, it is **2EAEDE7**.

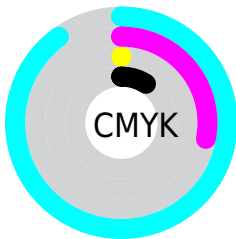
# Distribution



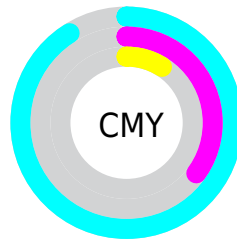
- Red (9%)
- Green (65%)
- Blue (91%)



- Red (9%)
- Yellow (42%)
- Blue (91%)



- Cyan (90%)
- Magenta (28%)
- Yellow (0%)
- Black (9%)



- Cyan (91%)
- Magenta (35%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17A6E7 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 17A6E7 by changing the saturation by 10% instead.



 17A6E7

 17A6E7


FFFFFF

 008CCB

 6FDDFF

 0072AF

 90F9FF

 005A94

 B0FFFF

 00437A

 CFFFFFF

 002D61

 EFFFFFF

 001A49

 000432

 00011C

 000000

■ 17A6E7

■ 17A6E7

■ 009FE7

■ 2EAD E7

■ 45B4E7

■ 5CBCE7

■ 73C3E7

■ 8BCAE7

■ A2D1E7

■ B9D9E7

■ D0E0E7

■ E7E7E7

# Harmonies

## Analogous

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



00AED2



17A6E7



7E9AE8

# Triad

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



17A6E7



E77C8B



76A962

# Complementary

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



17A6E7



E75817

# 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.



A2A04D



17A6E7



DE8567

# Square

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



17A6E7



DA7EB2



C69250



3BAF85

# Rectangle

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



17A6E7



A790DD



C69250



85A759

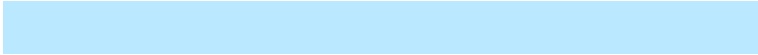


# Sweetspot

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



17A6E7



BAE9FF



17E755



577380



000000



808080



# Same Dimension

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



17A6E7



00AFFF



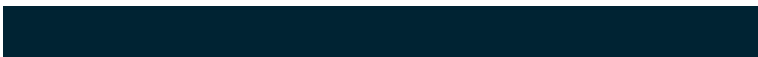
1741E7



676F73



007BB3



002333



# Inverse Universe

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



E717A6



FF00AF



E7BD17



73676F



B3007B

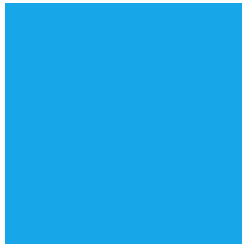


330023



# Previews

## White Background



This preview shows how the Hex color 17A6E7 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 17A6E7 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

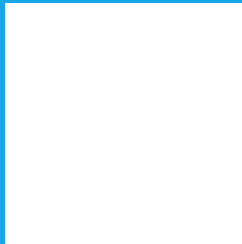
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 17A6E7 Background



This preview shows how black text looks on a background with the Hex color 17A6E7.

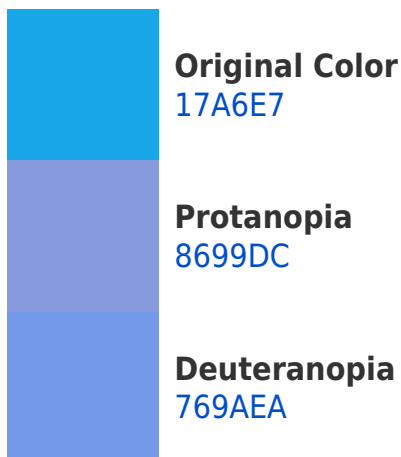


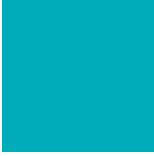
This preview shows how white text looks on a background with the Hex color 17A6E7.

# 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



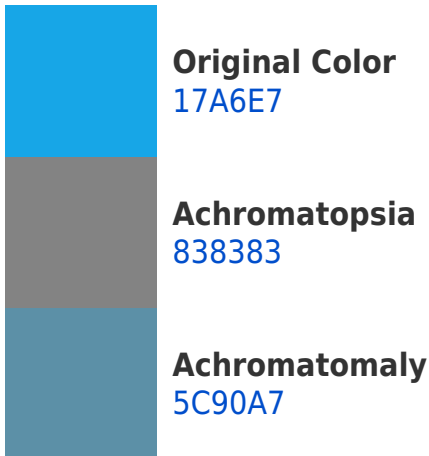


**Tritanopia**  
00ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17A6E7 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 #17A6E7 looks like.

```
.text, #text, p{  
  color:#17A6E7  
}
```

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 #17A6E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17A6E7
}
```

## Border

The CSS property to change the border of an element to Hex 17A6E7 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
#17A6E7 }
```

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

```
.border{ border-color:#17A6E7 }
```

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

Here you see how a box with a 4 pixel #17A6E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17A6E7; -webkit-box-shadow:4px 4px  
4px 4px #17A6E7; box-shadow:4px 4px 4px  
4px #17A6E7 }
```

# Background

The CSS property to change the background color of an element to Hex 17A6E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17A6E7 }
```

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

```
.background{ background-color:#17A6E7 }
```

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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