

# Converting Colors

Hex(17A4B5)

Have a look what the booklet for  
Hex(17A4B5) contains.

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# Color

Hex(17A4B5)

# Conversions

## Conversions Part 1

Format	Color
Hex	17A4B5
RGB	23, 164, 181
RGB Percent	9%, 64%, 71%
CMY	0.9098, 0.3569, 0.2902
CMYK	0.87, 0.09, 0.00, 0.29
HSL	186°, 77%, 40%
HSV	186°, 87%, 71%
XYZ	21.9693, 30.0693, 48.3621
YIQ	123.7790, -89.4930, -24.6050

# Conversions

## Conversions Part 2

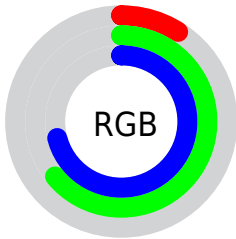
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 98, 181
Decimal	1549493
CIE <sub>Lab</sub>	61.71, -28.12, -18.61
CIE <sub>LCh</sub>	62, 33.720, 213.491
Yxy	30.0693, 0.2188, 0.2995
Android (android.graphics.Color)	4279739573 (0xFF17A4B5)
YUV	123.7790, 28.2100, -88.3832
Hunter-Lab	54.8355, -24.4477, -13.9060

# Details

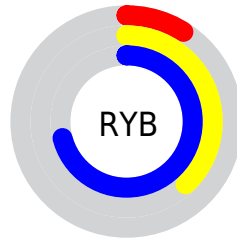
The Hex color **17A4B5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B52817**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **66DBED**, and **007080** is the 20% darker color. If you saturate the color by 10%, you get **05A2B5**, and if you desaturate by 10%, it is **29A6B5**.

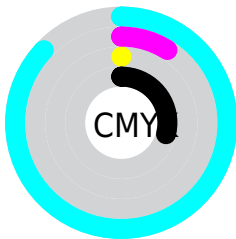
# Distribution



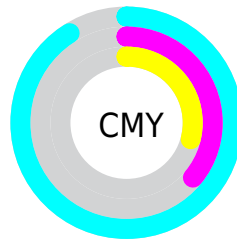
- Red (9%)
- Green (64%)
- Blue (71%)



- Red (9%)
- Yellow (38%)
- Blue (71%)



- Cyan (87%)
- Magenta (9%)
- Yellow (0%)
- Black (29%)



- Cyan (91%)
- Magenta (36%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17A4B5 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 17A4B5 by changing the saturation by 10% instead.



■ 17A4B5

■ 17A4B5

FFFFFF

■ 00899A

■ 66DBED

■ 007080

■ 85F8FF

■ 005767

■ A3FFFF

■ 003F4F

■ C2FFFF

■ 002938

■ E0FFFF

■ 000E23

FEFFFF

■ 00000B

■ 000000

■ 17A4B5

■ 17A4B5

05A2B5

29A6B5

00A2B5

3BA8B5

4DAAB5

5FACB5

72AEB5

84B0B5

96B2B5

A8B4B5

BAB6B5

# Harmonies

## Analogous

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



39A598



17A4B5



3B9FCA

# Triad

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



17A4B5



BE82B0



A59459

# Complementary

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



17A4B5



B52817

# 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.



BF8A60



17A4B5



CE7E93

# Square

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



17A4B5



9D8CC7



CD8176



869D62

# Rectangle

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



17A4B5



5F9AD0



CD8176



AF915A



# Sweetspot

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



17A4B5



AEE4EB



17B527



517175



F5F5F5



757575



# Same Dimension

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



17A4B5



00D1EB



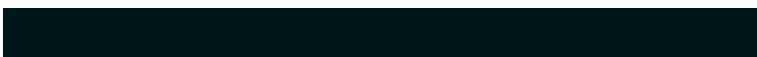
1756B5



505859



008999



00171A



# Inverse Universe

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



B517A4



EB00D1



B57617



595058



990089



1A0017



# Previews

## White Background



This preview shows how the Hex color 17A4B5 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 17A4B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

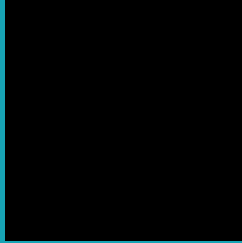
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 17A4B5 Background



This preview shows how black text looks on a background with the Hex color 17A4B5.

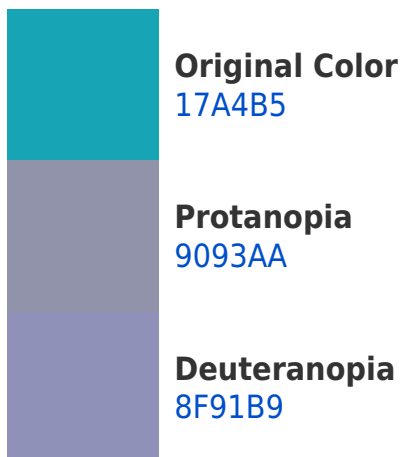


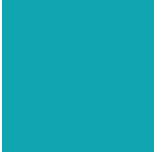
This preview shows how white text looks on a background with the Hex color 17A4B5.

# 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](#).

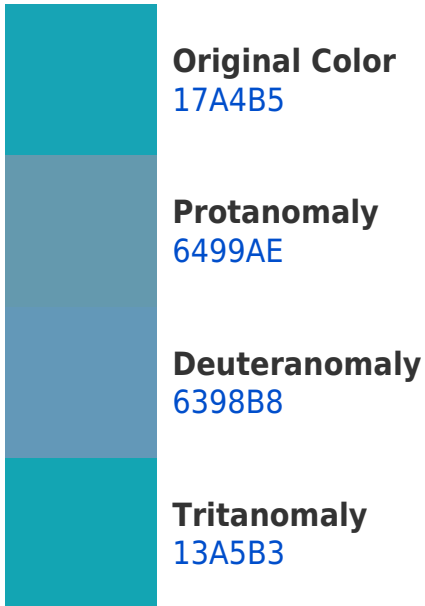
## Dichromacy



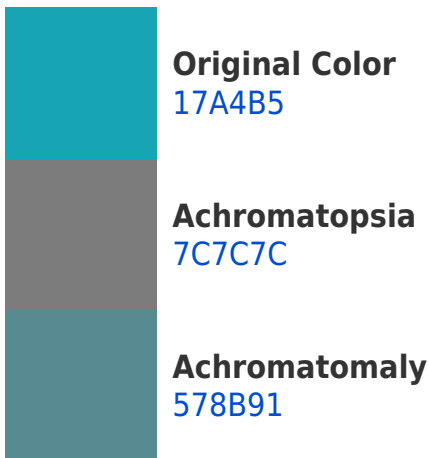


**Tritanopia**  
11A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17A4B5 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 #17A4B5 looks like.

```
.text, #text, p{  
    color:#17A4B5  
}
```

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 #17A4B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17A4B5
}
```

## Border

The CSS property to change the border of an element to Hex 17A4B5 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
#17A4B5 }
```

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

```
.border{ border-color:#17A4B5 }
```

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

Here you see how a box with a 4 pixel #17A4B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17A4B5; -webkit-box-shadow:4px 4px  
4px 4px #17A4B5; box-shadow:4px 4px 4px  
4px #17A4B5 }
```

# Background

The CSS property to change the background color of an element to Hex 17A4B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17A4B5 }
```

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

```
.background{ background-color:#17A4B5 }
```

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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