

# Converting Colors

Hex(16A7B5)

Have a look what the booklet for  
Hex(16A7B5) contains.

<b>Hex(16A7B5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(16A7B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	16A7B5
RGB	22, 167, 181
RGB Percent	9%, 65%, 71%
CMY	0.9137, 0.3451, 0.2902
CMYK	0.88, 0.08, 0.00, 0.29
HSL	185°, 78%, 40%
HSV	185°, 88%, 71%
XYZ	22.4901, 31.1442, 48.5421
YIQ	125.2410, -90.9140, -26.3860

# Conversions

## Conversions Part 2

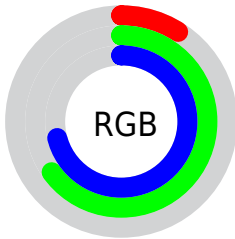
Format	Color
<a href="#">RYB</a>	<a href="#">22, 98, 181</a>
Decimal	<a href="#">1484725</a>
CIELab	<a href="#">62.63, -29.66, -17.22</a>
CIELCh	<a href="#">63, 34.296, 210.135</a>
Yxy	<a href="#">31.1442, 0.2201, 0.3048</a>
Android (android.graphics.Color)	<a href="#">4279674805</a> ( <a href="#">0xFF16A7B5</a> )
YUV	<a href="#">125.2410, 27.4892, -90.5424</a>
Hunter-Lab	<a href="#">55.8070, -25.7272, -12.5068</a>

# Details

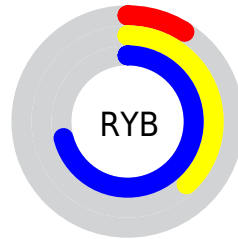
The Hex color **16A7B5** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B52416**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **66DFED**, and **007280** is the 20% darker color. If you saturate the color by 10%, you get **04A5B5**, and if you desaturate by 10%, it is **28A9B5**.

# Distribution



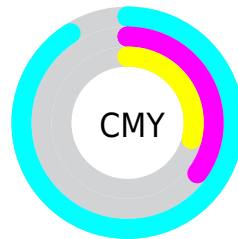
- Red (9%)
- Green (65%)
- Blue (71%)



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



- Cyan (88%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)



- Cyan (91%)
- Magenta (35%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 16A7B5 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 16A7B5 by changing the saturation by 10% instead.



 16A7B5

 16A7B5

FFFFFF

 008C9A

 66DFED

 007280

 85FBFF

 005A67

 A4FFFF

 00424F

 C2FFFF

 002B38

 E0FFFF

 001223

 00000B

 000000

 16A7B5

 16A7B5

04A5B5

28A9B5

00A5B5

3AAAB5

4CACB5

5EADB5

70AFB5

83B1B5

95B2B5

A7B4B5

B9B5B5

# Harmonies

## Analogous

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



3EA897



16A7B5



35A3CB

# Triad

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



16A7B5



BE85B6



AB965A

# Complementary

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



16A7B5



B52416

# 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.



C48B63



16A7B5



D08099

# Square

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



16A7B5



9B90CC



D2827A



8C9F62

# Rectangle

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



16A7B5



5A9DD3



D2827A



B5925B



# Sweetspot

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



16A7B5



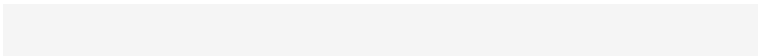
AEE5EB



16B523



517275



F5F5F5



757575



# Same Dimension

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



16A7B5



00D6EB



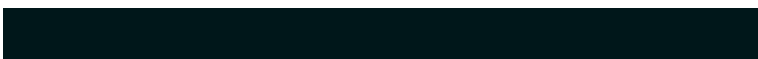
1658B5



505859



008C99



00171A



# Inverse Universe

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



B516A7



EB00D6



B57316



595058



99008C



1A0017



# Previews

## White Background



This preview shows how the Hex color 16A7B5 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 16A7B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

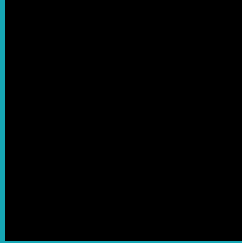
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

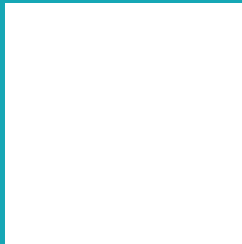
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 16A7B5 Background



This preview shows how black text looks on a background with the Hex color 16A7B5.

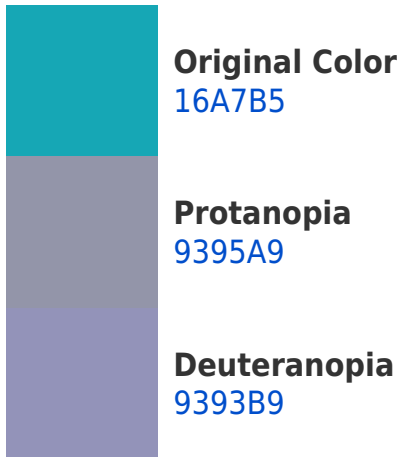


This preview shows how white text looks on a background with the Hex color 16A7B5.

# 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](#).

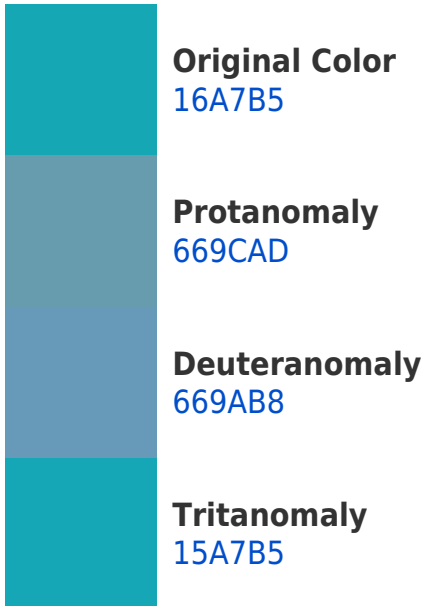
## Dichromacy



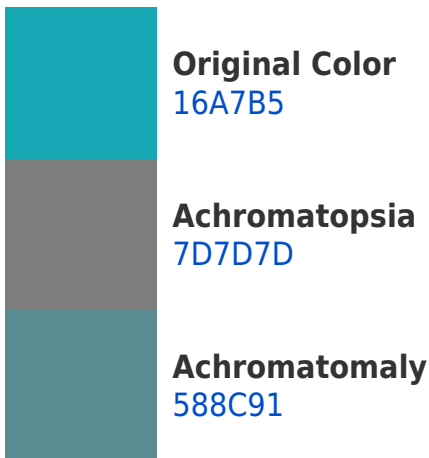


**Tritanopia**  
15A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 16A7B5 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 #16A7B5 looks like.

```
.text, #text, p{  
    color:#16A7B5  
}
```

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 #16A7B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16A7B5
}
```

## Border

The CSS property to change the border of an element to Hex 16A7B5 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
#16A7B5 }
```

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

```
.border{ border-color:#16A7B5 }
```

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

Here you see how a box with a 4 pixel #16A7B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16A7B5; -webkit-box-shadow:4px 4px  
4px 4px #16A7B5; box-shadow:4px 4px 4px  
4px #16A7B5 }
```

# Background

The CSS property to change the background color of an element to Hex 16A7B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16A7B5 }
```

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

```
.background{ background-color:#16A7B5 }
```

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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