

# Converting Colors

Hex(16A7C4)

Have a look what the booklet for  
Hex(16A7C4) contains.

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# Color

Hex(16A7C4)

# Conversions

## Conversions Part 1

Format	Color
Hex	16A7C4
RGB	22, 167, 196
RGB Percent	9%, 65%, 77%
CMY	0.9137, 0.3451, 0.2314
CMYK	0.89, 0.15, 0.00, 0.23
HSL	190°, 80%, 43%
HSV	190°, 89%, 77%
XYZ	24.1134, 31.7935, 57.0904
YIQ	126.9510, -95.7290, -21.7210

# Conversions

## Conversions Part 2

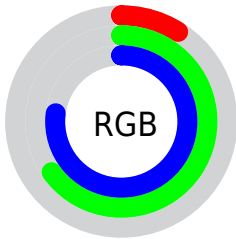
Format	Color
<a href="#">RYB</a>	22, 101, 196
Decimal	1484740
CIELab	63.17, -24.73, -24.77
CIELCh	63, 35.003, 225.045
Yxy	31.7935, 0.2134, 0.2814
Android (android.graphics.Color)	4279674820 (0xFF16A7C4)
YUV	126.9510, 34.0412, -92.0420
Hunter-Lab	56.3858, -22.3394, -20.5609

# Details

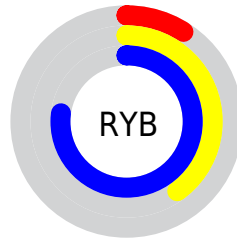
The Hex color **16A7C4** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C43316**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **69DEFD**, and **00738E** is the 20% darker color. If you saturate the color by 10%, you get **02A4C4**, and if you desaturate by 10%, it is **2AAAC4**.

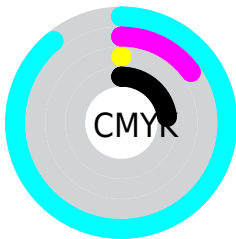
# Distribution



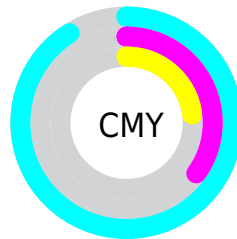
- Red (9%)
- Green (65%)
- Blue (77%)



- Red (9%)
- Yellow (40%)
- Blue (77%)



- Cyan (89%)
- Magenta (15%)
- Yellow (0%)
- Black (23%)



- Cyan (91%)
- Magenta (35%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 16A7C4 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 16A7C4 by changing the saturation by 10% instead.



 16A7C4

 16A7C4


FFFFFF

 008CA9

 69DEFD

 00738E

 88FBFF

 005A75

 A7FFFF

 00425C

 C5FFFF

 002B44

 E4FFFF

 00152E

 000119

 000000

 16A7C4

 16A7C4

■ 02A4C4

■ 2AAAC4

■ 00A3C4

■ 3DAEC4

■ 51B1C4

■ 64B4C4

■ 78B7C4

■ 8CBBC4

■ 9FBEC4

■ B3C1C4

■ C6C4C4

# Harmonies

## Analogous

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



24AAA8



16A7C4



50A1D4

# Triad

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



16A7C4



CC82AA



9E9C5C

# Complementary

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



16A7C4



C43316

# 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.



BB925D



16A7C4



D6818A

# Square

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



16A7C4



B08BC5



CF876E



7BA46C

# Rectangle

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



16A7C4



749AD7



CF876E



A8995A

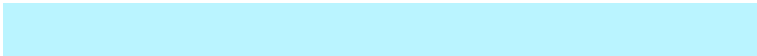


# Sweetspot

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



16A7C4



BAF4FF



16C433



577980



000000



808080

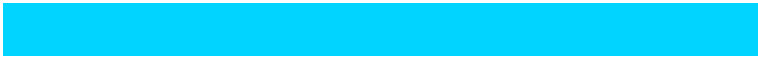


# Same Dimension

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



16A7C4



00D4FF



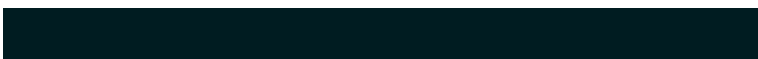
1650C4



575F61



0086A1



001C21



# Inverse Universe

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



C416A7



FF00D5



C48A16



61575F



A10086



21001C



# Previews

## White Background



This preview shows how the Hex color 16A7C4 looks on a white background.

## Color Contrast Check

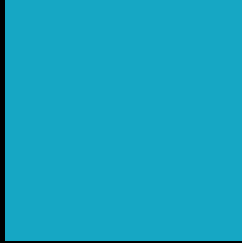
Large Text (above 18pt) WCAG AA × Fail

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 16A7C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

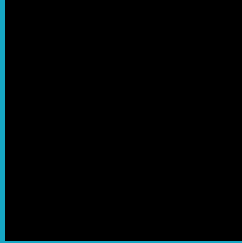
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 16A7C4 Background



This preview shows how black text looks on a background with the Hex color 16A7C4.

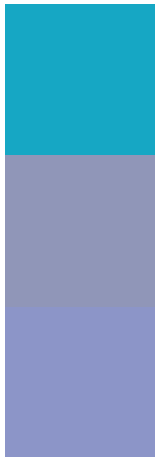


This preview shows how white text looks on a background with the Hex color 16A7C4.

# 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](#).

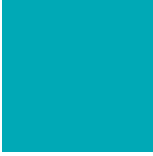
## Dichromacy



**Original Color**  
16A7C4

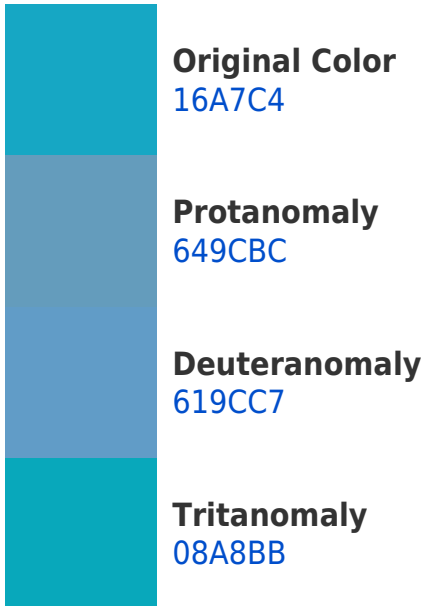
**Protanopia**  
9096B8

**Deuteranopia**  
8C95C8

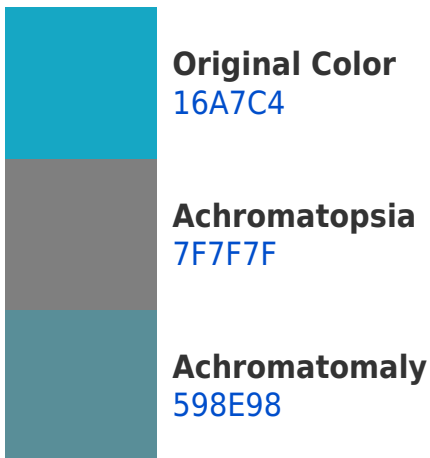


**Tritanopia**  
00A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 16A7C4 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 #16A7C4 looks like.

```
.text, #text, p{  
    color:#16A7C4  
}
```

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 #16A7C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16A7C4
}
```

## Border

The CSS property to change the border of an element to Hex 16A7C4 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
#16A7C4 }
```

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

```
.border{ border-color:#16A7C4 }
```

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

Here you see how a box with a 4 pixel #16A7C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16A7C4; -webkit-box-shadow:4px 4px  
4px 4px #16A7C4; box-shadow:4px 4px 4px  
4px #16A7C4 }
```

# Background

The CSS property to change the background color of an element to Hex 16A7C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16A7C4 }
```

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

```
.background{ background-color:#16A7C4 }
```

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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