

Converting Colors

Hex(16A8C1)

Have a look what the booklet for
Hex(16A8C1) contains.

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Color

Hex(16A8C1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 16A8C1 |
| RGB | 22, 168, 193 |
| RGB Percent | 9%, 66%, 76% |
| CMY | 0.9137, 0.3412, 0.2431 |
| CMYK | 0.89, 0.13, 0.00, 0.24 |
| HSL | 189°, 80%, 42% |
| HSV | 189°, 89%, 76% |
| XYZ | 23.9591, 32.0261, 55.3710 |
| YIQ | 127.1960, -95.0410, -23.1770 |

Conversions

Conversions Part 2

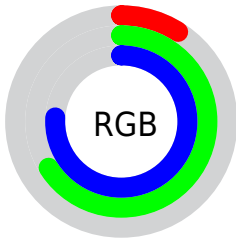
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 22, 101, 193 |
| Decimal | 1484993 |
| CIELab | 63.36, -26.24, -22.80 |
| CIElCh | 63, 34.762, 220.993 |
| Yxy | 32.0261, 0.2152, 0.2876 |
| Android (android.graphics.Color) | 4279675073 (0xFF16A8C1) |
| YUV | 127.1960, 32.4414, -92.2569 |
| Hunter-Lab | 56.5916, -23.4639, -18.3970 |

Details

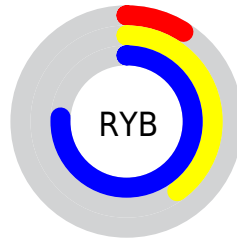
The Hex color **16A8C1** is a dark color, and the websafe version is hex **339999**. The color can be described as dark washed azure. A complement of this color would be **C12F16**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **68DFFA**, and **00748B** is the 20% darker color. If you saturate the color by 10%, you get **03A5C1**, and if you desaturate by 10%, it is **29ABC1**.

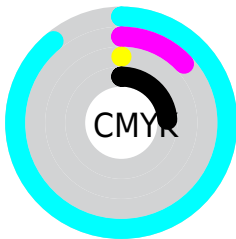
Distribution



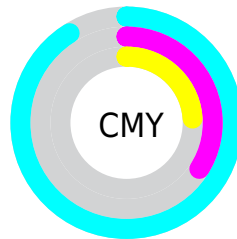
- Red (9%)
- Green (66%)
- Blue (76%)



- Red (9%)
- Yellow (40%)
- Blue (76%)



- Cyan (89%)
- Magenta (13%)
- Yellow (0%)
- Black (24%)



- Cyan (91%)
- Magenta (34%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16A8C1 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 16A8C1 by changing the saturation by 10% instead.

 16A8C1

 16A8C1

FFFFFF

 008DA6

 68DFFA

 00748B

 88FCFF

 005B72

 A6FFFF

 004359

 C5FFFF

 002C42

 E3FFFF

 00162C

 000117

 000000

 16A8C1

 16A8C1

03A5C1

29ABC1

00A5C1

3DAEC1

50B0C1

63B3C1

77B6C1

8AB9C1

9DBCC1

B0BFC1

C4C1C1

Harmonies

Analogous

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



2EAAA4



16A8C1



4AA2D3

Triad

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



16A8C1



C984AE



A39B5C

Complementary

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



16A8C1



C12F16

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.



BF915F



16A8C1



D6818F

Square

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



16A8C1



AC8DC8



D18772



81A36A

Rectangle

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



16A8C1



6E9CD7



D18772



AD985B

Sweetspot

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



16A8C1



B6F0FA



16C12D



55777D



FCFCFC



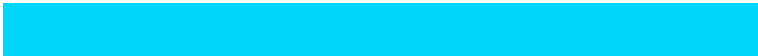
7D7D7D

Same Dimension

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



16A8C1



00D5FA



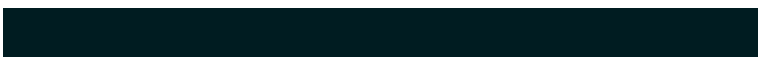
1655C1



575F61



0089A1



001C21

Inverse Universe

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



C116A8



FA00D5



C18216



61575F



A10089



21001C

Previews

White Background



This preview shows how the Hex color 16A8C1 looks on a white background.

Color Contrast Check

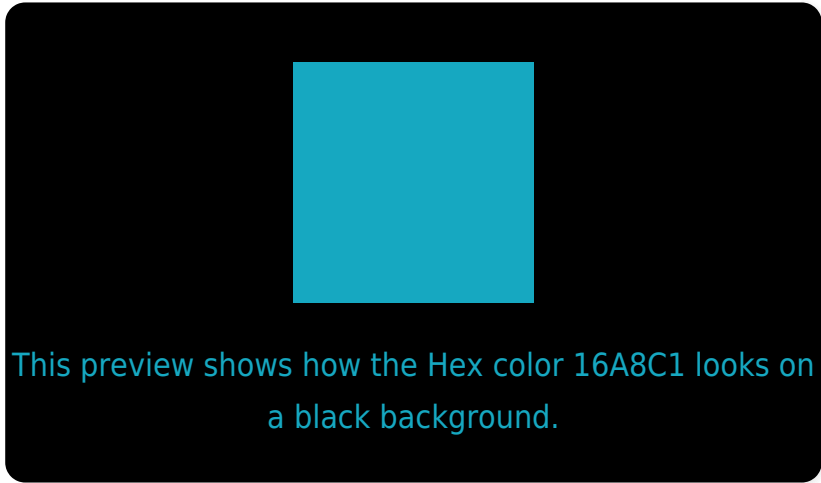
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

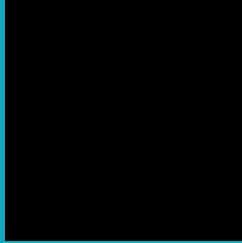
Any Text WCAG AA ✓ Pass

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 16A8C1 Background



This preview shows how black text looks on a background with the Hex color 16A8C1.



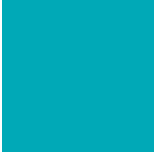
This preview shows how white text looks on a background with the Hex color 16A8C1.

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](#).

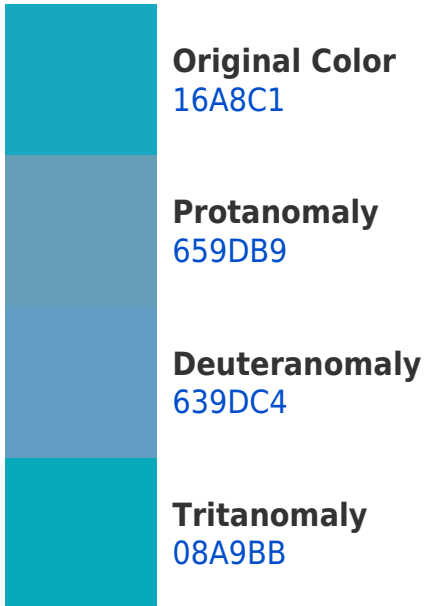
Dichromacy



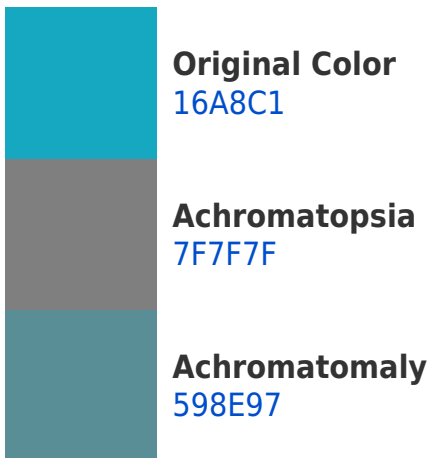


Tritanopia
00A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16A8C1 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 #16A8C1 looks like.

```
.text, #text, p{  
    color:#16A8C1  
}
```

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 #16A8C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16A8C1
}
```

Border

The CSS property to change the border of an element to Hex 16A8C1 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
#16A8C1 }
```

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

```
.border{ border-color:#16A8C1 }
```

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

Here you see how a box with a 4 pixel #16A8C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16A8C1; -webkit-box-shadow:4px 4px  
4px 4px #16A8C1; box-shadow:4px 4px 4px  
4px #16A8C1 }
```

Background

The CSS property to change the background color of an element to Hex 16A8C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16A8C1 }
```

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

```
.background{ background-color:#16A8C1 }
```

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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