

Converting Colors

Hex(16A6CE)

Have a look what the booklet for
Hex(16A6CE) contains.

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Color

Hex(16A6CE)

Conversions

Conversions Part 1

Format	Color
Hex	16A6CE
RGB	22, 166, 206
RGB Percent	9%, 65%, 81%
CMY	0.9137, 0.3490, 0.1922
CMYK	0.89, 0.19, 0.00, 0.19
HSL	193°, 81%, 45%
HSV	193°, 89%, 81%
XYZ	25.1077, 31.8992, 63.2264
YIQ	127.5040, -98.6640, -18.0880

Conversions

Conversions Part 2

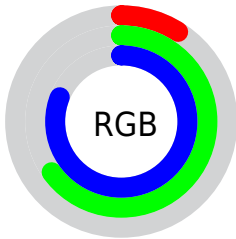
Format	Color
RYB	22, 103, 206
Decimal	1484494
CIELab	63.26, -20.82, -30.20
CIELCh	63, 36.681, 235.423
Yxy	31.8992, 0.2088, 0.2653
Android (android.graphics.Color)	4279674574 (0xFF16A6CE)
YUV	127.5040, 38.6985, -92.5270
Hunter-Lab	56.4794, -19.4876, -26.8371

Details

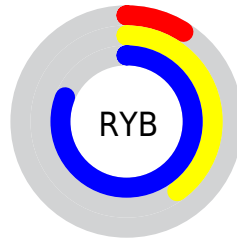
The Hex color **16A6CE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CE3E16**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6ADDFE**, and **007298** is the 20% darker color. If you saturate the color by 10%, you get **01A2CE**, and if you desaturate by 10%, it is **2BAACE**.

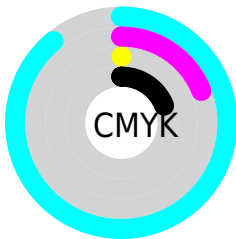
Distribution



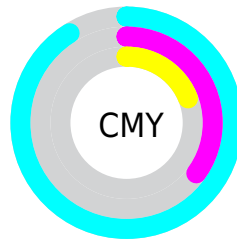
- Red (9%)
- Green (65%)
- Blue (81%)



- Red (9%)
- Yellow (40%)
- Blue (81%)



- Cyan (89%)
- Magenta (19%)
- Yellow (0%)
- Black (19%)



- Cyan (91%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16A6CE 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 16A6CE by changing the saturation by 10% instead.

 16A6CE

 16A6CE


FFFFFF

 008CB2

 6ADDFE

 007298

 8AFAFF

 00597E

 A9FFFF

 004264

 C8FFFF

 002B4C

 E6FFFF

 001635

 000220

 000003

 000000

■ 16A6CE

■ 16A6CE

■ 01A2CE

■ 2BAACE

■ 00A1CE

■ 3FAFCE

■ 54B3CE

■ 68B8CE

■ 7DBCCE

■ 92C1CE

■ A6C5CE

■ BBCACE

■ CFCECE

Harmonies

Analogous

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



00AAB4



16A6CE



5F9EDA

Triad

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



16A6CE



D4809F



92A05D

Complementary

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



16A6CE



CE3E16

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.



B39558



16A6CE



D8817F

Square

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



16A6CE



BD87BF



CC8A64



6BA773

Rectangle

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



16A6CE



8597D8



CC8A64



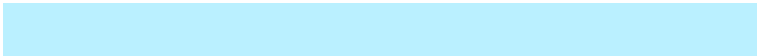
9E9D59

Sweetspot

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



16A6CE



BAF0FF



16CE3E



577780



000000



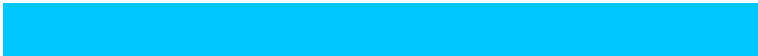
808080

Same Dimension

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



16A6CE



00C8FF



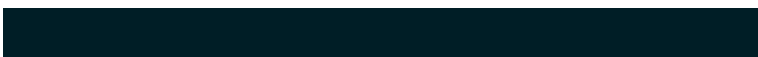
164ACE



5C6466



0082A6



001E26

Inverse Universe

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



CE16A6



FF00C8



CE9A16



665C64



A60082



26001E

Previews

White Background



This preview shows how the Hex color 16A6CE looks on a white background.

Color Contrast Check

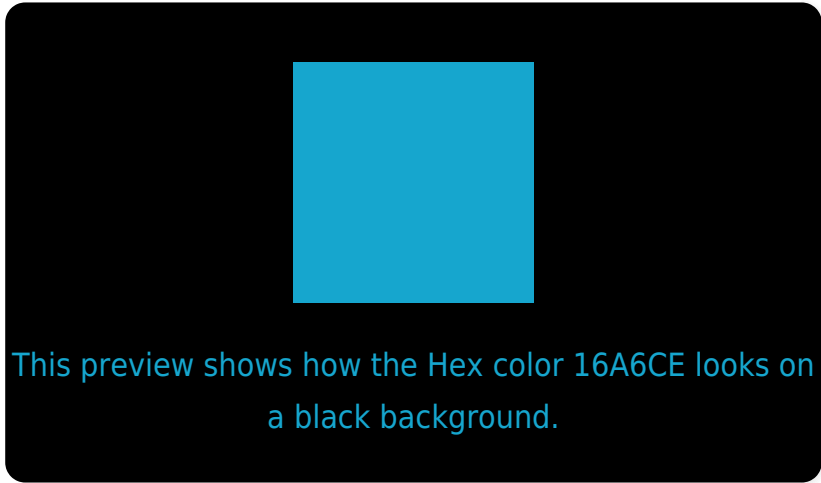
Large Text (above 18pt) WCAG AA × Fail

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

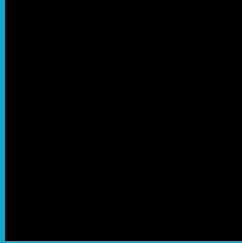
Any Text WCAG AA ✓ Pass

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 16A6CE Background



This preview shows how black text looks on a background with the Hex color 16A6CE.



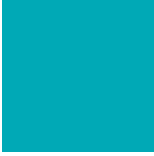
This preview shows how white text looks on a background with the Hex color 16A6CE.

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](#).

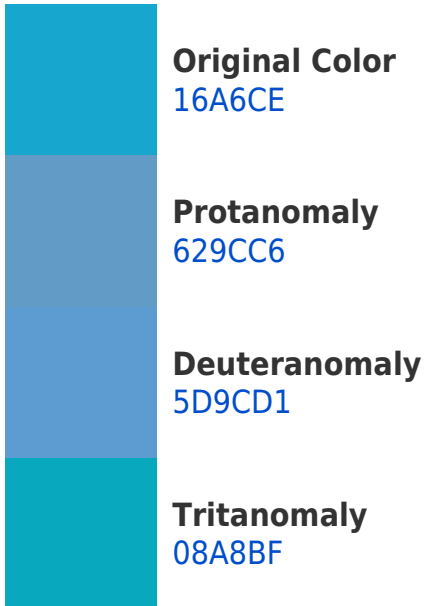
Dichromacy



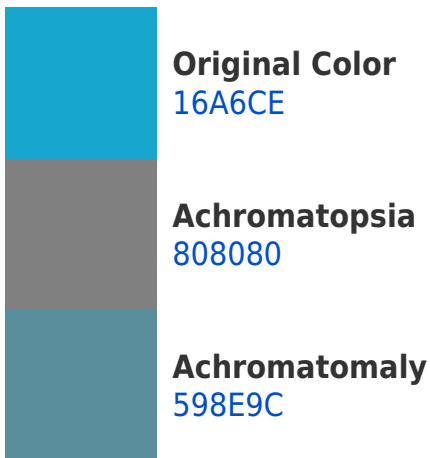


Tritanopia
00A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16A6CE 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 #16A6CE looks like.

```
.text, #text, p{  
    color:#16A6CE  
}
```

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 #16A6CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16A6CE
}
```

Border

The CSS property to change the border of an element to Hex 16A6CE 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
#16A6CE }
```

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

```
.border{ border-color:#16A6CE }
```

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

Here you see how a box with a 4 pixel #16A6CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16A6CE; -webkit-box-shadow:4px 4px  
4px 4px #16A6CE; box-shadow:4px 4px 4px  
4px #16A6CE }
```

Background

The CSS property to change the background color of an element to Hex 16A6CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16A6CE }
```

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

```
.background{ background-color:#16A6CE }
```

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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