

Converting Colors

Hex(16A9E6)

Have a look what the booklet for
Hex(16A9E6) contains.

Hex(16A9E6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(16A9E6)

Conversions

Conversions Part 1

Format	Color
Hex	16A9E6
RGB	22, 169, 230
RGB Percent	9%, 66%, 90%
CMY	0.9137, 0.3373, 0.0980
CMYK	0.90, 0.27, 0.00, 0.10
HSL	198°, 83%, 49%
HSV	198°, 90%, 90%
XYZ	28.8018, 34.2597, 79.9577
YIQ	132.0010, -107.1930, -12.1930

Conversions

Conversions Part 2

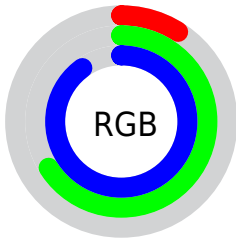
Format	Color
R _Y B	22, 108, 230
Decimal	1485286
CIE Lab	65.17, -14.02, -40.49
CIE LCh	65, 42.854, 250.897
Yxy	34.2597, 0.2014, 0.2395
Android (android.graphics.Color)	4279675366 (0xFF16A9E6)
YUV	132.0010, 48.3135, -96.4709
Hunter-Lab	58.5318, -14.5960, -40.0212

Details

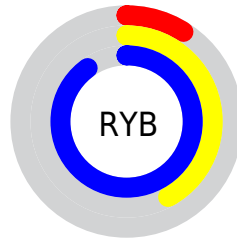
The Hex color **16A9E6** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **E65316**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6FE0FF**, and **0075AE** is the 20% darker color. If you saturate the color by 10%, you get **00A3E6**, and if you desaturate by 10%, it is **2DB0E6**.

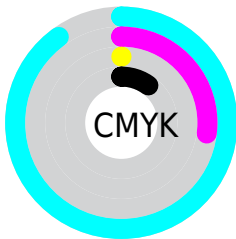
Distribution



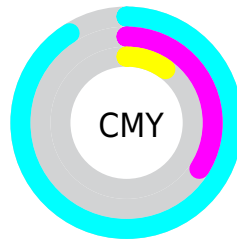
- Red (9%)
- Green (66%)
- Blue (90%)



- Red (9%)
- Yellow (42%)
- Blue (90%)



- Cyan (90%)
- Magenta (27%)
- Yellow (0%)
- Black (10%)



- Cyan (91%)
- Magenta (34%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16A9E6 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 16A9E6 by changing the saturation by 10% instead.

 16A9E6

 16A9E6

FFFFFF

 008FCA

 6FE0FF

 0075AE

 90FDFD

 005C93

 AFFFFFF


 004579

 CFFFFFF

 002F60

 EFFFFFF

 001C48

 000431

 00011B

 000000

■ 16A9E6

■ 16A9E6

■ 00A3E6

■ 2DB0E6

■ 44B6E6

■ 5BBDE6

■ 72C4E6

■ 89CBE6

■ A0D1E6

■ B7D8E6

■ CEDFE6

■ E5E6E6

Harmonies

Analogous

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



00B0CF



16A9E6



7A9DE9

Triad

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



16A9E6



E77F92



7EAA62

Complementary

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



16A9E6



E65316

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.



A8A051



16A9E6



E1866E

Square

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



16A9E6



D982B8



CA9356



49B084

Rectangle

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



16A9E6



A394E0



CA9356



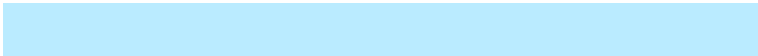
8DA85A

Sweetspot

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



16A9E6



BAEBFF



16E651



577480



000000



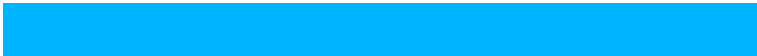
808080

Same Dimension

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



16A9E6



00B4FF



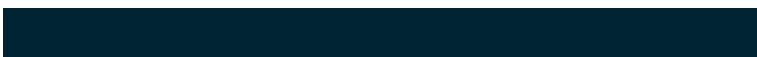
1643E6



676F73



007EB3



002433

Inverse Universe

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



E616A9



FF00B4



E6B916



73676F



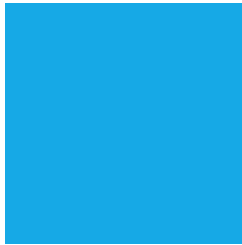
B3007E



330024

Previews

White Background



This preview shows how the Hex color 16A9E6 looks on a white background.

Color Contrast Check

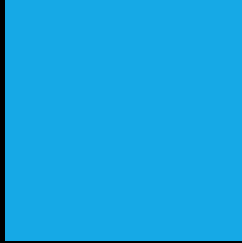
Large Text (above 18pt) WCAG AA × Fail

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 16A9E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

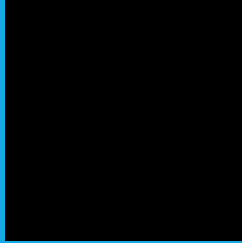
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

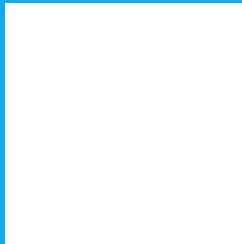
Any Text WCAG AAA ✓ Pass

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

Hex 16A9E6 Background



This preview shows how black text looks on a background with the Hex color 16A9E6.

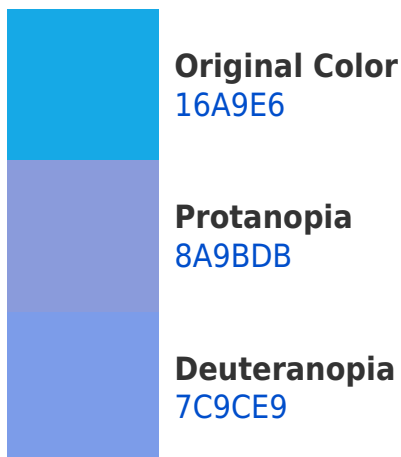


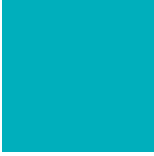
This preview shows how white text looks on a background with the Hex color 16A9E6.

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](#).

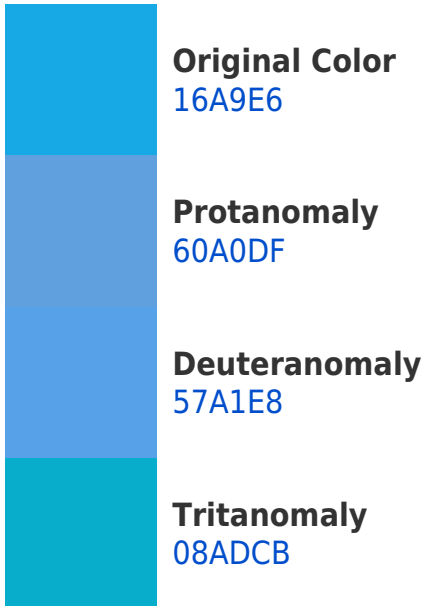
Dichromacy



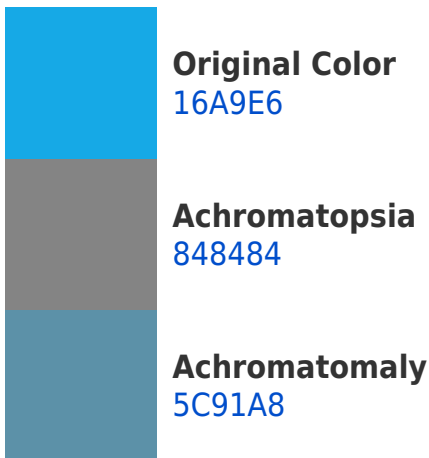


Tritanopia
00AFBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16A9E6 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 #16A9E6 looks like.

```
.text, #text, p{  
    color:#16A9E6  
}
```

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 #16A9E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16A9E6
}
```

Border

The CSS property to change the border of an element to Hex 16A9E6 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
#16A9E6 }
```

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

```
.border{ border-color:#16A9E6 }
```

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

Here you see how a box with a 4 pixel #16A9E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16A9E6; -webkit-box-shadow:4px 4px  
4px 4px #16A9E6; box-shadow:4px 4px 4px  
4px #16A9E6 }
```

Background

The CSS property to change the background color of an element to Hex 16A9E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16A9E6 }
```

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

```
.background{ background-color:#16A9E6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor