

Converting Colors

Hex(16A2DE)

Have a look what the booklet for
Hex(16A2DE) contains.

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Color

Hex(16A2DE)

Conversions

Conversions Part 1

Format	Color
Hex	16A2DE
RGB	22, 162, 222
RGB Percent	9%, 64%, 87%
CMY	0.9137, 0.3647, 0.1294
CMYK	0.90, 0.27, 0.00, 0.13
HSL	198°, 82%, 48%
HSV	198°, 90%, 87%
XYZ	26.4360, 31.2852, 73.7526
YIQ	126.9800, -102.7000, -11.0200

Conversions

Conversions Part 2

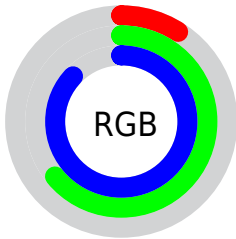
Format	Color
RYB	22, 104, 222
Decimal	1483486
CIELab	62.75, -13.05, -39.87
CIELCh	63, 41.954, 251.877
Yxy	31.2852, 0.2011, 0.2380
Android (android.graphics.Color)	4279673566 (0xFF16A2DE)
YUV	126.9800, 46.8449, -92.0675
Hunter-Lab	55.9331, -13.5174, -39.0257

Details

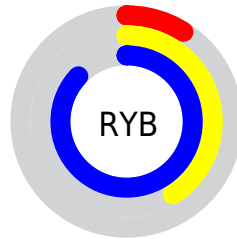
The Hex color **16A2DE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **DE5216**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6DD9FF**, and **006FA7** is the 20% darker color. If you saturate the color by 10%, you get **009BDE**, and if you desaturate by 10%, it is **2CA9DE**.

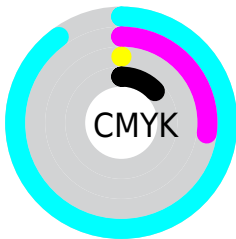
Distribution



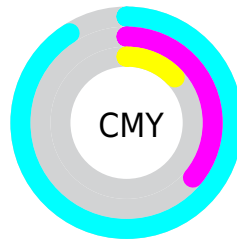
- Red (9%)
- Green (64%)
- Blue (87%)



- Red (9%)
- Yellow (41%)
- Blue (87%)



- Cyan (90%)
- Magenta (27%)
- Yellow (0%)
- Black (13%)



- Cyan (91%)
- Magenta (36%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16A2DE 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 16A2DE by changing the saturation by 10% instead.

 16A2DE

 16A2DE

FFFFFF

 0088C2

 6DD9FF

 006FA7

 8DF5FF

 00568C

 ADFFFF

 003F72


 CCFFFF

 002959

 EBFFFF

 001641

 00032B

 000115

 000000

■ 16A2DE

■ 16A2DE

■ 009BDE

■ 2CA9DE

■ 42AFDE

■ 59B6DE

■ 6FBDDE

■ 85C3DE

■ 9BCADE

■ B1D1DE

■ C8D7DE

■ DEDEDE

Harmonies

Analogous

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



00A9C8



16A2DE



7797E1

Triad

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



16A2DE



DF798A



77A45F

Complementary

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



16A2DE



DE5216

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.



A09A4D



16A2DE



D88168

Square

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



16A2DE



D17DB0



C28E51



43A97F

Rectangle

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



16A2DE



9E8DD7



C28E51



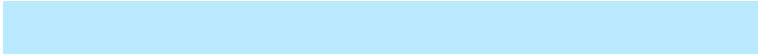
86A157

Sweetspot

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



16A2DE



BAEAFB



16DE52



577380



000000



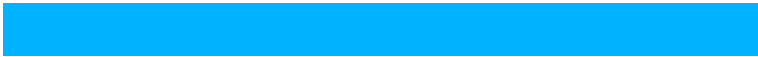
808080

Same Dimension

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



16A2DE



00B2FF



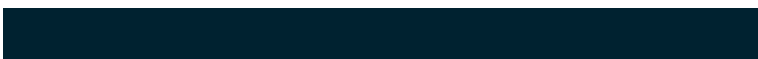
163EDE



656D70



007BB0



002230

Inverse Universe

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



DE16A2



FF00B2



DEB616



70656D



B0007B



300022

Previews

White Background



This preview shows how the Hex color 16A2DE looks on a white background.

Color Contrast Check

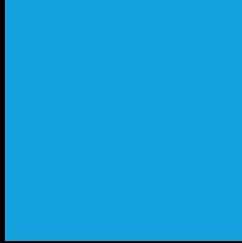
Large Text (above 18pt) WCAG AA × Fail

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 16A2DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

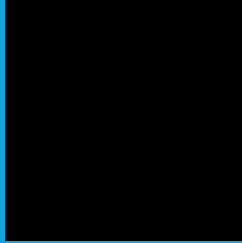
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

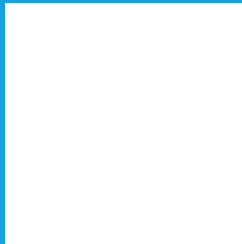
Any Text WCAG AAA ✓ Pass

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

Hex 16A2DE Background



This preview shows how black text looks on a background with the Hex color 16A2DE.

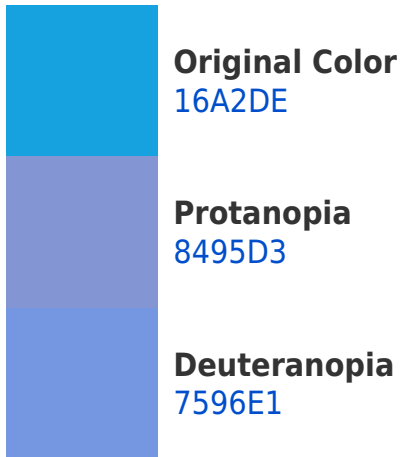


This preview shows how white text looks on a background with the Hex color 16A2DE.

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](#).

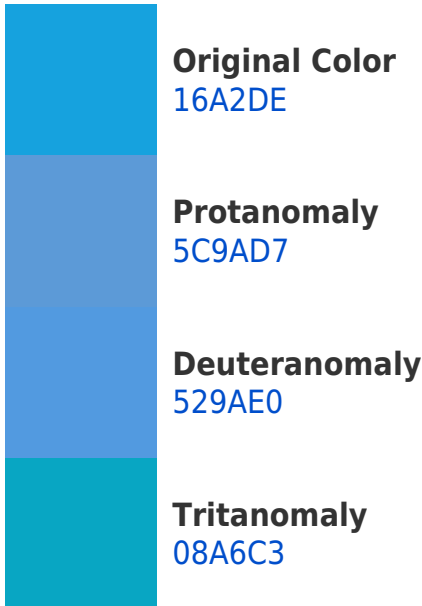
Dichromacy



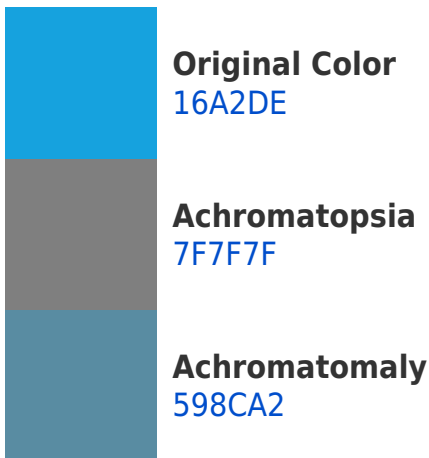


Tritanopia
00A8B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16A2DE 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 #16A2DE looks like.

```
.text, #text, p{  
    color:#16A2DE  
}
```

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 #16A2DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16A2DE
}
```

Border

The CSS property to change the border of an element to Hex 16A2DE 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
#16A2DE }
```

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

```
.border{ border-color:#16A2DE }
```

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

Here you see how a box with a 4 pixel #16A2DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16A2DE; -webkit-box-shadow:4px 4px  
4px 4px #16A2DE; box-shadow:4px 4px 4px  
4px #16A2DE }
```

Background

The CSS property to change the background color of an element to Hex 16A2DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16A2DE }
```

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

```
.background{ background-color:#16A2DE }
```

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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