

Converting Colors

Hex(16BBE2)

Have a look what the booklet for
Hex(16BBE2) contains.

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Color

Hex(16BBE2)

Conversions

Conversions Part 1

Format	Color
Hex	16BBE2
RGB	22, 187, 226
RGB Percent	9%, 73%, 89%
CMY	0.9137, 0.2667, 0.1137
CMYK	0.90, 0.17, 0.00, 0.11
HSL	191°, 82%, 49%
HSV	191°, 90%, 89%
XYZ	31.8287, 41.2022, 78.2268
YIQ	142.1110, -110.8590, -22.8510

Conversions

Conversions Part 2

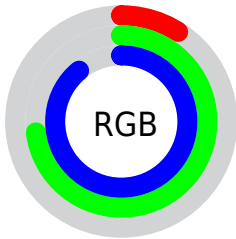
Format	Color
R_{YB}	22, 113, 226
Decimal	1489890
CIE Lab	70.32, -24.84, -30.30
CIE LCh	70, 39.186, 230.654
Yxy	41.2022, 0.2104, 0.2724
Android (android.graphics.Color)	4279679970 (0xFF16BBE2)
YUV	142.1110, 41.3573, -105.3373
Hunter-Lab	64.1889, -23.8198, -27.3242

Details

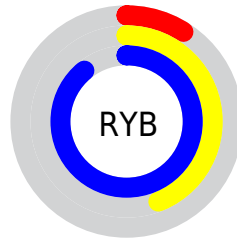
The Hex color **16BBE2** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **E23D16**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **70F3FF**, and **0086AB** is the 20% darker color. If you saturate the color by 10%, you get **00B7E2**, and if you desaturate by 10%, it is **2DBFE2**.

Distribution



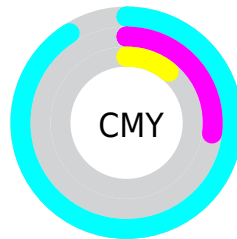
- Red (9%)
- Green (73%)
- Blue (89%)



- Red (9%)
- Yellow (44%)
- Blue (89%)



- Cyan (90%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (91%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16BBE2 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 16BBE2 by changing the saturation by 10% instead.

 16BBE2

 16BBE2

FFFFFF

 00A0C6


 70F3FF

 0086AB

 91FFFF

 006C90

 B0FFFF


 005476

 D0FFFF

 003C5D

 EFFFFFF

 002645

 00062F

 00011A

 000000

■ 16BBE2

■ 16BBE2

■ 00B7E2

■ 2DBFE2

■ 43C4E2

■ 5AC8E2

■ 70CCE2

■ 87D1E2

■ 9ED5E2

■ B4D9E2

■ CBDEE2

■ E1E2E2

Harmonies

Analogous

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



0EBFC4



16BBE2



63B3F2

Triad

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



16BBE2



EA91B9



AAB168

Complementary

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



16BBE2



E23D16

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.



CDA665



16BBE2



F19195

Square

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



16BBE2



CE9AD9



E69A76



81BA7E

Rectangle

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



16BBE2



8DABF2



E69A76



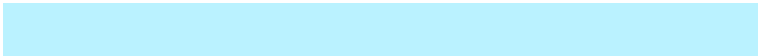
B7AE65

Sweetspot

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



16BBE2



BAF2FF



16E23B



577880



000000



808080

Same Dimension

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



16BBE2



00CEFF



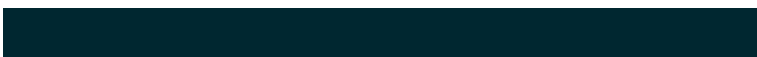
1657E2



656E70



008EB0



002730

Inverse Universe

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



E216BB



FF00CE



E2A116



70656E



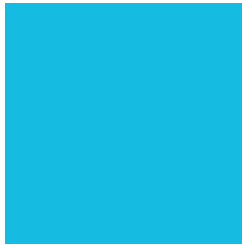
B0008E



300027

Previews

White Background



This preview shows how the Hex color 16BBE2 looks on a white background.

Color Contrast Check

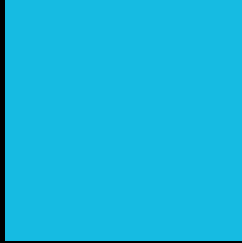
Large Text (above 18pt) WCAG AA × Fail

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 16BBE2 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 16BBE2 Background



This preview shows how black text looks on a background with the Hex color 16BBE2.

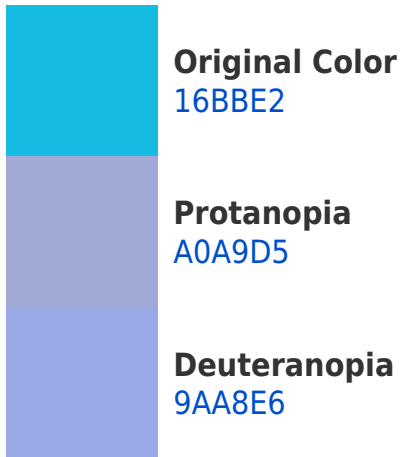


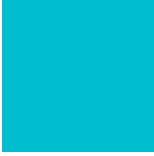
This preview shows how white text looks on a background with the Hex color 16BBE2.

Color Blindness Simulation

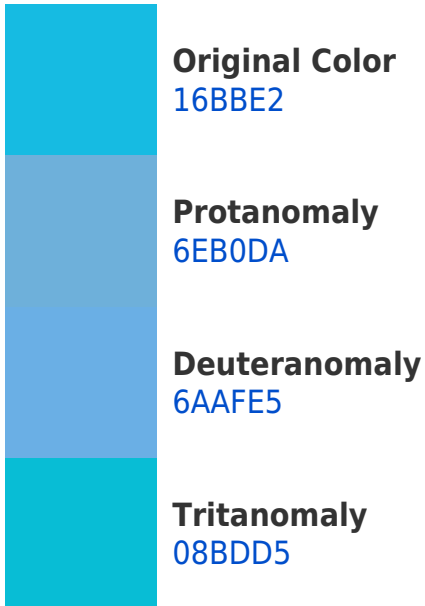
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

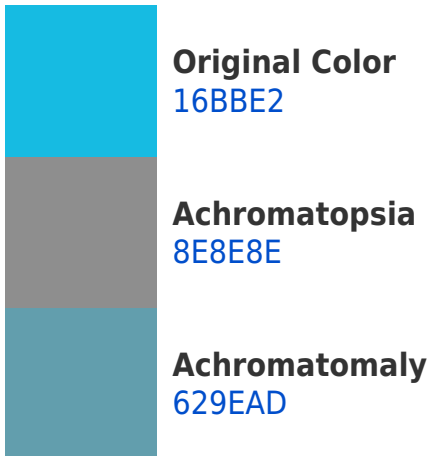




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16BBE2 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 #16BBE2 looks like.

```
.text, #text, p{  
    color:#16BBE2  
}
```

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 #16BBE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16BBE2
}
```

Border

The CSS property to change the border of an element to Hex 16BBE2 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
#16BBE2 }
```

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

```
.border{ border-color:#16BBE2 }
```

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

Here you see how a box with a 4 pixel #16BBE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16BBE2; -webkit-box-shadow:4px 4px  
4px 4px #16BBE2; box-shadow:4px 4px 4px  
4px #16BBE2 }
```

Background

The CSS property to change the background color of an element to Hex 16BBE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16BBE2 }
```

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

```
.background{ background-color:#16BBE2 }
```

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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