

Converting Colors

Hex(16D3E1)

Have a look what the booklet for
Hex(16D3E1) contains.

Hex(16D3E1)	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(16D3E1)

Conversions

Conversions Part 1

Format	Color
Hex	16D3E1
RGB	22, 211, 225
RGB Percent	9%, 83%, 88%
CMY	0.9137, 0.1725, 0.1176
CMYK	0.90, 0.06, 0.00, 0.12
HSL	184°, 82%, 48%
HSV	184°, 90%, 88%
XYZ	37.2157, 52.1953, 79.3474
YIQ	156.0850, -117.1380, -35.7140

Conversions

Conversions Part 2

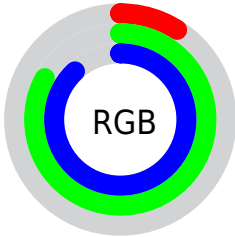
Format	Color
R _Y B	22, 120, 225
Decimal	1496033
CIE Lab	77.40, -36.78, -18.95
CIE LCh	77, 41.378, 207.254
Yxy	52.1953, 0.2205, 0.3093
Android (android.graphics.Color)	4279686113 (0xFF16D3E1)
YUV	156.0850, 33.9751, -117.5925
Hunter-Lab	72.2463, -34.4817, -14.5451

Details

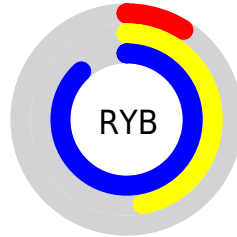
The Hex color **16D3E1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E12416**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **73FFFF**, and **009CAA** is the 20% darker color. If you saturate the color by 10%, you get **00D1E1**, and if you desaturate by 10%, it is **2DD5E1**.

Distribution



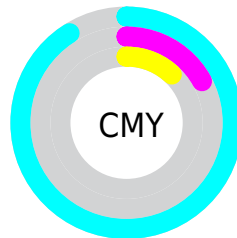
- Red (9%)
- Green (83%)
- Blue (88%)



- Red (9%)
- Yellow (47%)
- Blue (88%)



- Cyan (90%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (91%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16D3E1 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 16D3E1 by changing the saturation by 10% instead.

 16D3E1

 16D3E1

FFFFFF

 00B7C5

 73FFFF

 009CAA

 94FFFF

 00818F

 B4FFFF

 006876

 D4FFFF

 004F5D

 F3FFFF

 003745

 00232F

 00011B

 000000

■ 16D3E1

■ 16D3E1

■ 00D1E1

■ 2DD5E1

■ 43D6E1

■ 5AD8E1

■ 70D9E1

■ 87DBE1

■ 9DDCE1

■ B4DEE1

■ CADFE1

■ E1E1E1

Harmonies

Analogous

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



53D3BA



16D3E1



3ACEFF

Triad

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



16D3E1



ECA9E9



DCBC72

Complementary

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



16D3E1



E12416

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.



FAAE80



16D3E1



FFA2C4

Square

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



16D3E1



BEB7FF



FFA49E



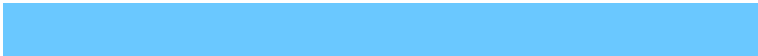
B4C77A

Rectangle

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



16D3E1



6AC8FF



FFA49E



E7B774

Sweetspot

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



16D3E1



BAFAFF



16E124



577D80



000000



808080

Same Dimension

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



16D3E1



00EDFF



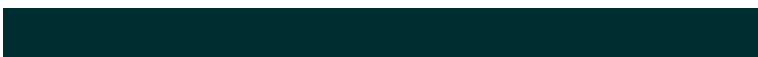
166EE1



656F70



00A4B0



002D30

Inverse Universe

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



E116D3



FF00ED



E18916



70656F



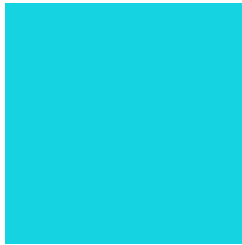
B000A4



30002D

Previews

White Background



This preview shows how the Hex color 16D3E1 looks on a white background.

Color Contrast Check

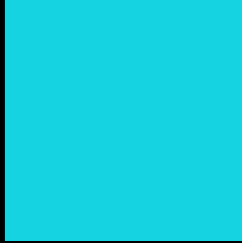
Large Text (above 18pt) WCAG AA × Fail

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 16D3E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

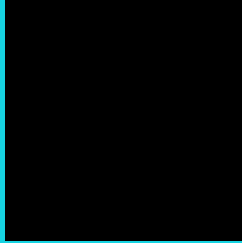
Any Text WCAG AA ✓ Pass

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 16D3E1 Background



This preview shows how black text looks on a background with the Hex color 16D3E1.

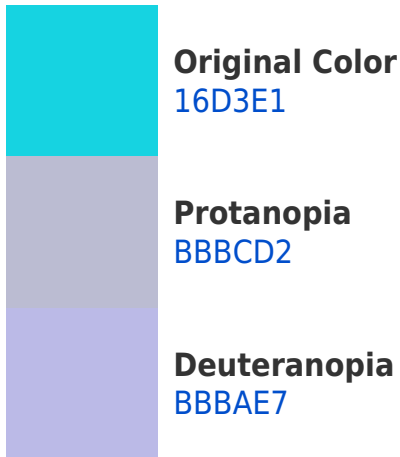


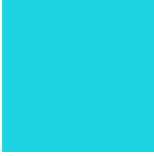
This preview shows how white text looks on a background with the Hex color 16D3E1.

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



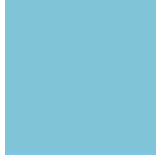


Tritanopia
1CD3E4

Trichromacy



Original Color
16D3E1



Protanomaly
7FC4D7



Deuteranomaly
7FC3E5

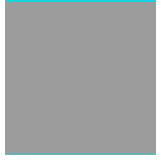


Tritanomaly
1AD3E3

Monochromacy



Original Color
16D3E1



Achromatopsia
9C9C9C



Achromatomaly
6BB0B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 16D3E1 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 #16D3E1 looks like.

```
.text, #text, p{  
    color:#16D3E1  
}
```

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 #16D3E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16D3E1
}
```

Border

The CSS property to change the border of an element to Hex 16D3E1 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
#16D3E1 }
```

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

```
.border{ border-color:#16D3E1 }
```

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

Here you see how a box with a 4 pixel #16D3E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16D3E1; -webkit-box-shadow:4px 4px  
4px 4px #16D3E1; box-shadow:4px 4px 4px  
4px #16D3E1 }
```

Background

The CSS property to change the background color of an element to Hex 16D3E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16D3E1 }
```

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

```
.background{ background-color:#16D3E1 }
```

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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