

Converting Colors

Hex(16DDCE)

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

Hex(16DDCE)	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(16DDCE)

Conversions

Conversions Part 1

Format	Color
Hex	16DDCE
RGB	22, 221, 206
RGB Percent	9%, 87%, 81%
CMY	0.9137, 0.1333, 0.1922
CMYK	0.90, 0.00, 0.07, 0.13
HSL	175°, 82%, 48%
HSV	175°, 90%, 87%
XYZ	37.3279, 56.3397, 67.2998
YIQ	159.7890, -113.7890, -46.8530

Conversions

Conversions Part 2

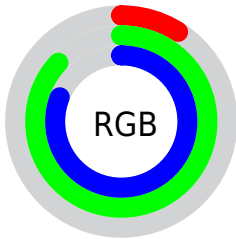
Format	Color
RYB	22, 125, 221
Decimal	1498574
CIELab	79.81, -46.80, -5.18
CIElCh	80, 47.088, 186.317
Yxy	56.3397, 0.2319, 0.3500
Android (android.graphics.Color)	4279688654 (0xFF16DDCE)
YUV	159.7890, 22.7820, -120.8410
Hunter-Lab	75.0598, -42.5850, -0.6185

Details

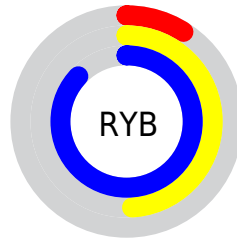
The Hex color **16DDCE** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DD1625**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **72FFFF**, and **00A598** is the 20% darker color. If you saturate the color by 10%, you get **00DDCC**, and if you desaturate by 10%, it is **2CDDDD0**.

Distribution



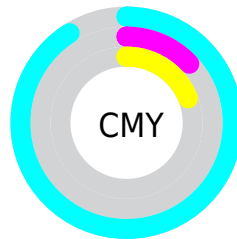
- Red (9%)
- Green (87%)
- Blue (81%)



- Red (9%)
- Yellow (49%)
- Blue (87%)



- Cyan (90%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (91%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 16DDCE

 16DDCE

FFFFFF

 00C1B3

 72FFFF

 00A598

 93FFFF

 008A7E

 B3FFFF

 007065

 D3FFFF

 00564D

 F2FFFF

 003E37

 002821

 00000C

 000000

■ 16DDCE

■ 16DDCE

■ 00DDCC

■ 2CDDDD0

■ 42DDD1

■ 58DDD3

■ 6EDDD5

■ 84DDD6

■ 9BDDD8

■ B1DDDA

■ C7DDDB

■ DDDDDD

Harmonies

Analogous

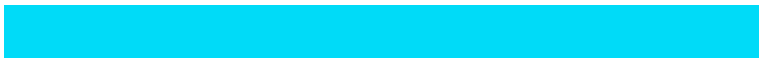
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72DAA1



16DDCE



00DBF8

Triad

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



16DDCE



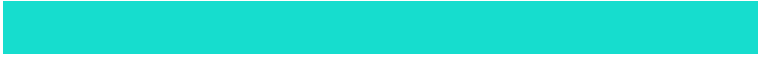
D7B7FF



FEB776

Complementary

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



16DDCE



DD1625

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.



FFA994



16DDCE



FFA8EA

Square

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



16DDCE



92C7FF



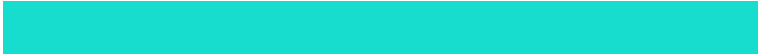
FFA3BE



D9C66D

Rectangle

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



16DDCE



00D7FF



FFA3BE



FFB27E

Sweetspot

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



16DDCE



BAFFFA



27DD16



57807C



000000



808080

Same Dimension

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



16DDCE



00FFEC



168ADD



636E6D



00ADA0



002E2A

Inverse Universe

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



DD1625



FF0013



DD6916



6E6364



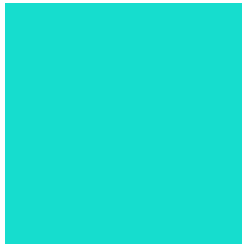
AD000D



2E0003

Previews

White Background



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

Color Contrast Check

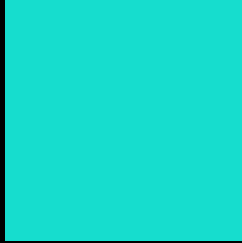
Large Text (above 18pt) WCAG AA × Fail

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 16DDCE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

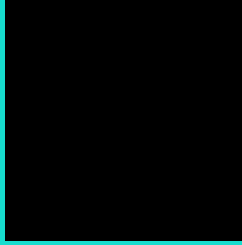
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

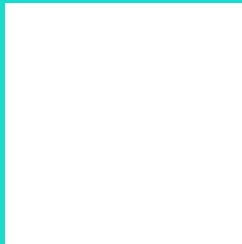
Any Text WCAG AAA ✓ Pass

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

Hex 16DDCE Background



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

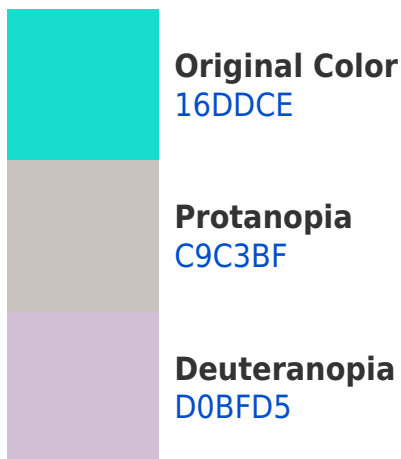


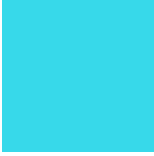
This preview shows how white text looks on a background with the Hex color 16DDCE.

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](#).

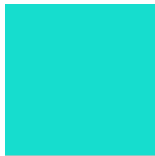
Dichromacy



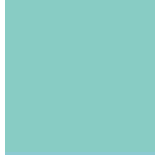


Tritanopia
37D9EA

Trichromacy



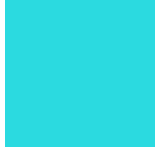
Original Color
16DDCE



Protanomaly
88CCC4



Deuteranomaly
8CCAD2



Tritanomaly
2BDAE0

Monochromacy



Original Color
16DDCE



Achromatopsia
A0A0A0



Achromatomaly
6EB6B1

CSS Examples

Text

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

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

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 #16DDCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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