

Converting Colors

Hex(16D4DE)

Have a look what the booklet for
Hex(16D4DE) contains.

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Color

Hex(16D4DE)

Conversions

Conversions Part 1

Format	Color
Hex	16D4DE
RGB	22, 212, 222
RGB Percent	9%, 83%, 87%
CMY	0.9137, 0.1686, 0.1294
CMYK	0.90, 0.05, 0.00, 0.13
HSL	183°, 82%, 48%
HSV	183°, 90%, 87%
XYZ	37.0592, 52.5315, 77.2936
YIQ	156.3300, -116.4500, -37.1700

Conversions

Conversions Part 2

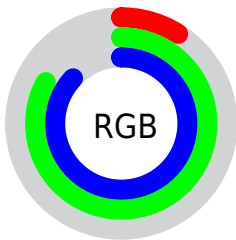
Format	Color
R _Y B	22, 119, 222
Decimal	1496286
CIE Lab	77.60, -38.16, -17.04
CIE LCh	78, 41.791, 204.059
Yxy	52.5315, 0.2221, 0.3148
Android (android.graphics.Color)	4279686366 (0xFF16D4DE)
YUV	156.3300, 32.3753, -117.8074
Hunter-Lab	72.4786, -35.5683, -12.4938

Details

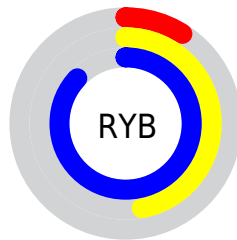
The Hex color **16D4DE** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **DE2016**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **72FFFF**, and **009DA7** is the 20% darker color. If you saturate the color by 10%, you get **00D3DE**, and if you desaturate by 10%, it is **2CD5DE**.

Distribution



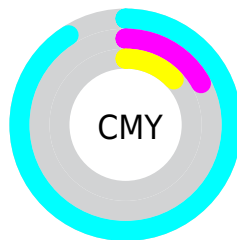
- Red (9%)
- Green (83%)
- Blue (87%)



- Red (9%)
- Yellow (47%)
- Blue (87%)



- Cyan (90%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (91%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16D4DE 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 16D4DE by changing the saturation by 10% instead.

 16D4DE

 16D4DE

FFFFFF

 00B8C2

 72FFFF

 009DA7

 94FFFF

 00828D

 B4FFFF

 006873

 D3FFFF

 00505A

 F3FFFF

 003843

 00232D

 000119

 000000

■ 16D4DE

■ 16D4DE

■ 00D3DE

■ 2CD5DE

■ 42D6DE

■ 59D7DE

■ 6FD8DE

■ 85DADE

■ 9BDBDE

■ B1DCDE

■ C8DDDE

■ DEDEDE

Harmonies

Analogous

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



58D4B6



16D4DE



2FCFFD

Triad

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



16D4DE



E9ABEE



E0BB72

Complementary

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



16D4DE



DE2016

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.



FDAD82



16D4DE



FFA2C9

Square

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



16D4DE



B9B9FF



FFA3A2



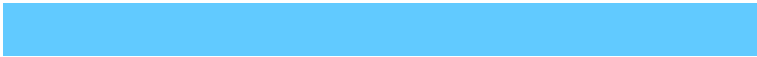
B9C778

Rectangle

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



16D4DE



61CAFF



FFA3A2



EBB675

Sweetspot

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



16D4DE



BAFCFF



16DE20



577D80



000000



808080

Same Dimension

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



16D4DE



00F2FF



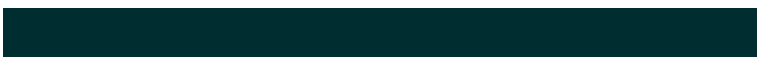
1670DE



657070



00A7B0



002E30

Inverse Universe

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



DE16D4



FF00F2



DE8416



706570



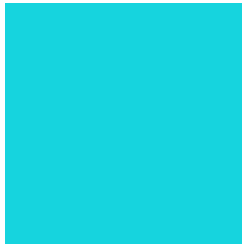
B000A7



30002E

Previews

White Background



This preview shows how the Hex color 16D4DE looks on a white background.

Color Contrast Check

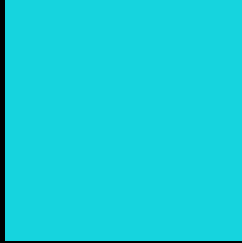
Large Text (above 18pt) WCAG AA × Fail

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 16D4DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

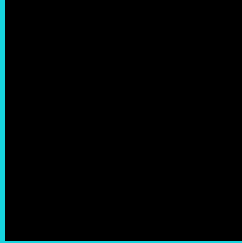
Any Text WCAG AA ✓ Pass

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 16D4DE Background



This preview shows how black text looks on a background with the Hex color 16D4DE.



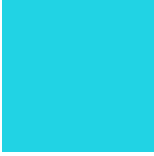
This preview shows how white text looks on a background with the Hex color 16D4DE.

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



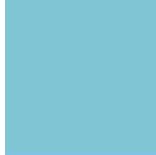


Tritanopia
21D3E4

Trichromacy



Original Color
16D4DE



Protanomaly
80C5D4



Deuteranomaly
81C3E2

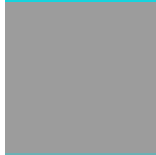


Tritanomaly
1DD3E2

Monochromacy



Original Color
16D4DE



Achromatopsia
9C9C9C



Achromatomaly
6BB0B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 16D4DE 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 #16D4DE looks like.

```
.text, #text, p{  
  color:#16D4DE  
}
```

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 #16D4DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16D4DE
}
```

Border

The CSS property to change the border of an element to Hex 16D4DE 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
#16D4DE }
```

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

```
.border{ border-color:#16D4DE }
```

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

Here you see how a box with a 4 pixel #16D4DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16D4DE; -webkit-box-shadow:4px 4px  
4px 4px #16D4DE; box-shadow:4px 4px 4px  
4px #16D4DE }
```

Background

The CSS property to change the background color of an element to Hex 16D4DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16D4DE }
```

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

```
.background{ background-color:#16D4DE }
```

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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