

Converting Colors

Hex(16DDC2)

Have a look what the booklet for
Hex(16DDC2) contains.

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Color

Hex(16DDC2)

Conversions

Conversions Part 1

Format	Color
Hex	16DDC2
RGB	22, 221, 194
RGB Percent	9%, 87%, 76%
CMY	0.9137, 0.1333, 0.2392
CMYK	0.90, 0.00, 0.12, 0.13
HSL	172°, 82%, 48%
HSV	172°, 90%, 87%
XYZ	35.9249, 55.7785, 59.9118
YIQ	158.4210, -109.9370, -50.5850

Conversions

Conversions Part 2

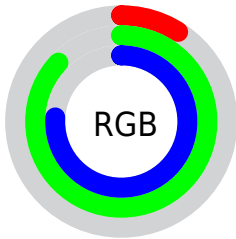
Format	Color
RYB	22, 129, 221
Decimal	1498562
CIELab	79.49, -50.07, 0.75
CIELCh	79, 50.078, 179.147
Yxy	55.7785, 0.2369, 0.3679
Android (android.graphics.Color)	4279688642 (0xFF16DDC2)
YUV	158.4210, 17.5404, -119.6412
Hunter-Lab	74.6850, -44.8368, 4.7175

Details

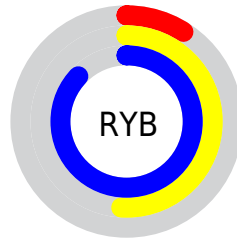
The Hex color **16DDC2** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed cyan. A complement of this color would be **DD1631**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **71FFFA**, and **00A58D** is the 20% darker color. If you saturate the color by 10%, you get **00DDBF**, and if you desaturate by 10%, it is **2CDDC5**.

Distribution



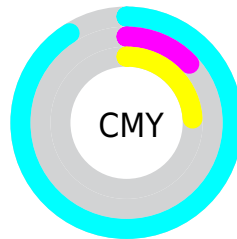
- Red (9%)
- Green (87%)
- Blue (76%)



- Red (9%)
- Yellow (51%)
- Blue (87%)



- Cyan (90%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (91%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16DDC2 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 16DDC2 by changing the saturation by 10% instead.

 16DDC2

 16DDC2

FFFFFF

 00C1A7

 71FFFA

 00A58D

 92FFFF

 008A73

 B2FFFF

 006F5B

 D1FFFF

 005643

 F1FFFF

 003D2D

 002719

 000000

 16DDC2

 16DDC2

00DDBF

2CDDC5

42DDC8

58DDCB

6EDDCE

84DDD1

9BDDD4

B1DDD7

C7DDDA

DDDDDD

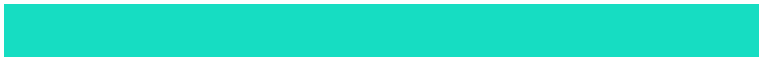
Harmonies

Analogous

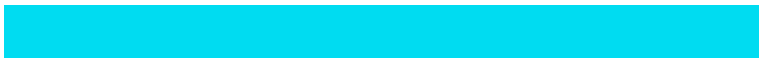
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7AD993



16DDC2



00DCF1

Triad

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



16DDC2



C7B9FF



FFB176

Complementary

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



16DDC2



DD1631

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.



FFA39A



16DDC2



FEA8F6

Square

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



16DDC2



76CAFF



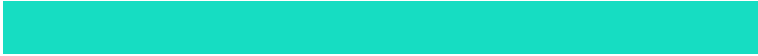
FF9FC8



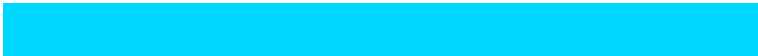
E3C266

Rectangle

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



16DDC2



00D9FF



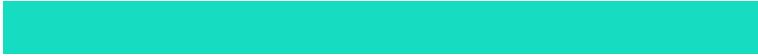
FF9FC8



FFAC80

Sweetspot

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



16DDC2



BAFFF6



34DD16



57807A



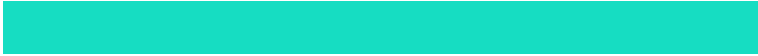
000000



808080

Same Dimension

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



16DDC2



00FFDC



1697DD



636E6C



00AD96



002E28

Inverse Universe

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



DD1631



FF0023



DD5C16



6E6364



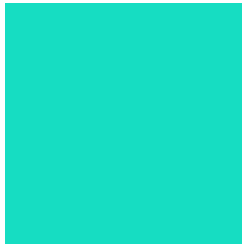
AD0018



2E0006

Previews

White Background



This preview shows how the Hex color 16DDC2 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 16DDC2 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

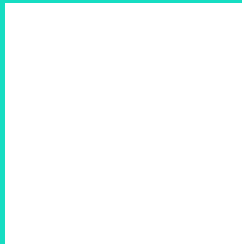
Any Text WCAG AAA ✓ Pass

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

Hex 16DDC2 Background



This preview shows how black text looks on a background with the Hex color 16DDC2.

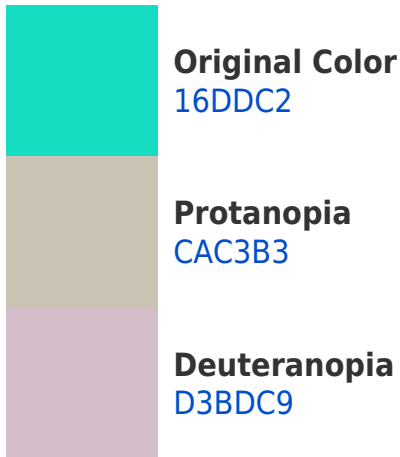


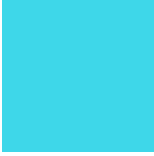
This preview shows how white text looks on a background with the Hex color 16DDC2.

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



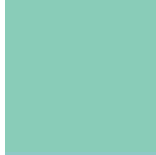


Tritanopia
3ED7E9

Trichromacy



Original Color
16DDC2



Protanomaly
89CCB8



Deuteranomaly
8EC9C6



Tritanomaly
2FD9DB

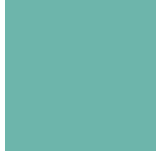
Monochromacy



Original Color
16DDC2



Achromatopsia
9E9E9E



Achromatomaly
6DB5AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 16DDC2 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 #16DDC2 looks like.

```
.text, #text, p{  
    color:#16DDC2  
}
```

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 #16DDC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16DDC2
}
```

Border

The CSS property to change the border of an element to Hex 16DDC2 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
#16DDC2 }
```

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

```
.border{ border-color:#16DDC2 }
```

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

Here you see how a box with a 4 pixel #16DDC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16DDC2; -webkit-box-shadow:4px 4px  
4px 4px #16DDC2; box-shadow:4px 4px 4px  
4px #16DDC2 }
```

Background

The CSS property to change the background color of an element to Hex 16DDC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16DDC2 }
```

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

```
.background{ background-color:#16DDC2 }
```

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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