

Converting Colors

Hex(10DACD)

Have a look what the booklet for
Hex(10DACD) contains.

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Color

Hex(10DACD)

Conversions

Conversions Part 1	
Format	Color
Hex	10DACD
RGB	16, 218, 205
RGB Percent	6%, 85%, 80%
CMY	0.9373, 0.1451, 0.1961
CMYK	0.93, 0.00, 0.06, 0.15
HSL	176°, 86%, 46%
HSV	176°, 93%, 85%
XYZ	36.3045, 54.6607, 66.3947
YIQ	156.1200, -116.2190, -46.8670

Conversions

Conversions Part 2

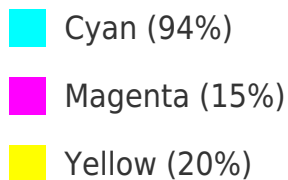
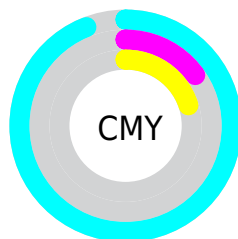
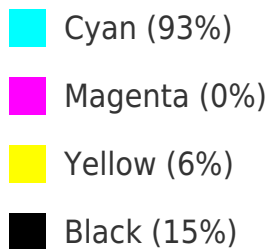
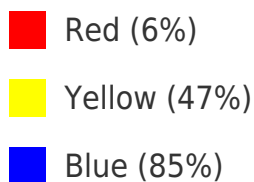
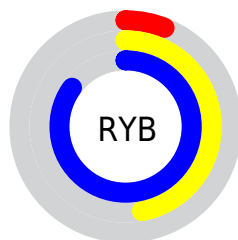
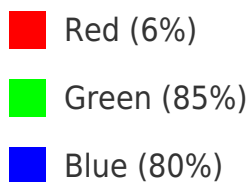
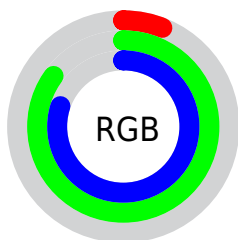
Format	Color
RYB	16, 120, 218
Decimal	1104589
CIELab	78.85, -46.04, -6.07
CIELCh	79, 46.435, 187.513
Yxy	54.6607, 0.2307, 0.3474
Android (android.graphics.Color)	4279294669 (0xFF10DACD)
YUV	156.1200, 24.0978, -122.8852
Hunter-Lab	73.9329, -41.7307, -1.4918

Details

The Hex color **10DACD** 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 **DA101D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **70FFFF**, and **00A297** is the 20% darker color. If you saturate the color by 10%, you get **00DACD**, and if you desaturate by 10%, it is **26DACE**.

Distribution



Brightness & Saturation Gradients


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

 10DACD

FFFFFF

 70FFFF

 91FFFF

 B1FFFF

 D1FFFF

 F0FFFF

 10DACD

 00BEB2

 00A297

 00877D

 006D64

 00544C

 003B36

 002621

 00000A

 000000

 10DACD

 10DACD

 00DACC

 26DACE

 3CDAD0

 51DAD1

 67DAD3

 7DDAD4

 93DAD5

 A9DAD7

 BEDAD8

 D4DADA

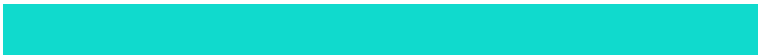
Harmonies

Analogous

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



6ED7A1



10DACD



00D8F6

Triad

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



10DACD



D6B4FF



FAB574

Complementary

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



10DACD



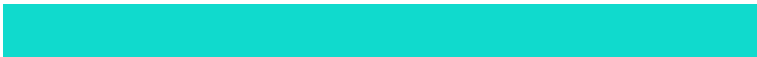
DA101D

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.



FFA791



10DACD



FFA6E5

Square

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



10DACD



94C4FF



FFA1BA



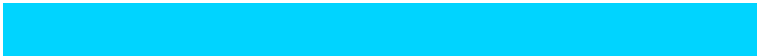
D4C46C

Rectangle

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



10DACD



00D4FF



FFA1BA



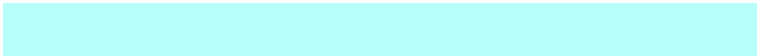
FFB07B

Sweetspot

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



10DACD



B8FFFA



1DDA10



54807D



000000



808080

Same Dimension

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



10DACD



00FFEF



1082DA



636E6D



00ADA2



002E2B

Inverse Universe

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



DA101D



FF0010



DA6810



6E6363



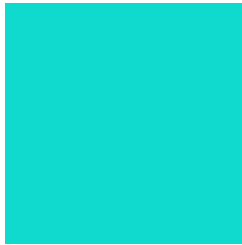
AD000B



2E0003

Previews

White Background



This preview shows how the Hex color 10DACD looks on a white background.

Color Contrast Check

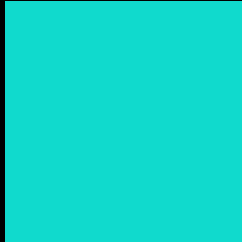
Large Text (above 18pt) WCAG AA × Fail

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 10DACD 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

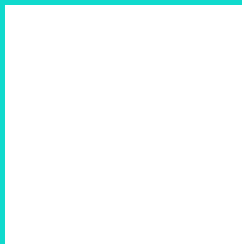
Any Text WCAG AAA ✓ Pass

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

Hex 10DACD Background



This preview shows how black text looks on a background with the Hex color 10DACD.

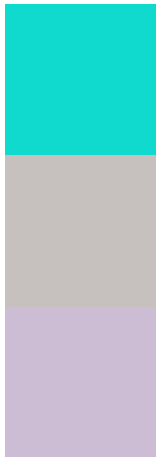


This preview shows how white text looks on a background with the Hex color 10DACD.

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](#).

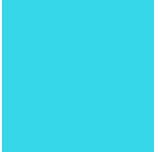
Dichromacy



Original Color
10DACD

Protanopia
C6C1BE

Deuteranopia
CCBCD4



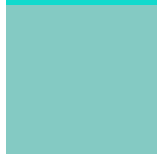
Tritanopia
34D6E7

Trichromacy



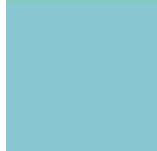
Original Color

10DACD



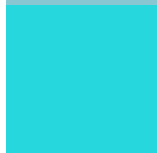
Protanomaly

84CAC3



Deuteranomaly

88C7D1



Tritanomaly

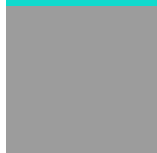
27D7DE

Monochromacy



Original Color

10DACD



Achromatopsia

9C9C9C



Achromatomaly

69B3AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 10DACD 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 #10DACD looks like.

```
.text, #text, p{  
    color:#10DACD  
}
```

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 #10DACD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10DACD
}
```

Border

The CSS property to change the border of an element to Hex 10DACD 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
#10DACD }
```

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

```
.border{ border-color:#10DACD }
```

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

Here you see how a box with a 4 pixel #10DACD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10DACD; -webkit-box-shadow:4px 4px  
4px 4px #10DACD; box-shadow:4px 4px 4px  
4px #10DACD }
```

Background

The CSS property to change the background color of an element to Hex 10DACD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10DACD }
```

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

```
.background{ background-color:#10DACD }
```

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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