

# Converting Colors

Hex(10D0B3)

Have a look what the booklet for  
Hex(10D0B3) contains.

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# **Color**

**Hex(10D0B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	10D0B3
RGB	16, 208, 179
RGB Percent	6%, 82%, 70%
CMY	0.9373, 0.1843, 0.2980
CMYK	0.92, 0.00, 0.14, 0.18
HSL	171°, 86%, 44%
HSV	171°, 92%, 82%
XYZ	30.9062, 48.4766, 50.3758
YIQ	147.2860, -105.1230, -49.7230

# Conversions

## Conversions Part 2

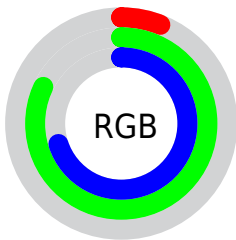
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 120, 208
Decimal	1102003
CIELab	75.12, -48.95, 2.43
CIELCh	75, 49.012, 177.164
Yxy	48.4766, 0.2382, 0.3736
Android (android.graphics.Color)	4279292083 (0xFF10D0B3)
YUV	147.2860, 15.6350, -115.1378
Hunter-Lab	69.6251, -42.6087, 5.8395

# Details

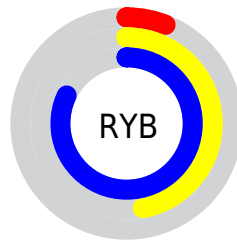
The Hex color **10D0B3** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D0102D**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **6CFFEB**, and **00987E** is the 20% darker color. If you saturate the color by 10%, you get **00D0B1**, and if you desaturate by 10%, it is **25D0B6**.

# Distribution



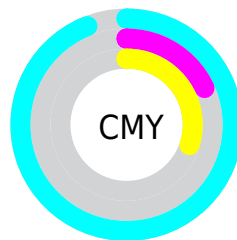
- Red (6%)
- Green (82%)
- Blue (70%)



- Red (6%)
- Yellow (47%)
- Blue (82%)



- Cyan (92%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)



- Cyan (94%)
- Magenta (18%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10D0B3 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 10D0B3 by changing the saturation by 10% instead.



 10D0B3

 10D0B3

FFFFFF

 00B498

 6CFFEB

 00987E

 8CFFFF

 007E65

 ACFFFF

 00644E

 CBFFFF

 004B37

 EAFFFF

 003322

 001B0C

 000000

 10D0B3

 10D0B3

 00D0B1

 25D0B6

 3AD0B9

 4ED0BC

 63D0C0

 78D0C3

 8DD0C6

 A2D0C9

 B6D0CC

 CBD0CF

# Harmonies

## Analogous

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



74CC86



10D0B3



00D0E1

# Triad

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



10D0B3



B6AFFF



FBA56E

# Complementary

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



10D0B3



D0102D

# 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.



FF9792



10D0B3



ED9EEB

# Square

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



10D0B3



64BFFF



FF94BF



D8B55D

# Rectangle

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



10D0B3



00CDFA



FF94BF



FFA079

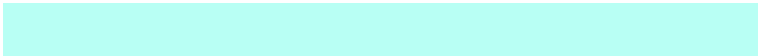


# Sweetspot

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



10D0B3



B8FFF4



30D010



548079



000000



808080



# Same Dimension

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



10D0B3



00FFD8



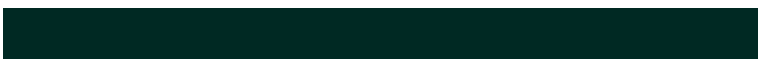
1090D0



5E6967



00A88F



002923



# Inverse Universe

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



D0102D



FF0027



D05010



695E60



A80019

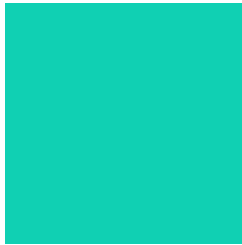


290006



# Previews

## White Background



This preview shows how the Hex color 10D0B3 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 10D0B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

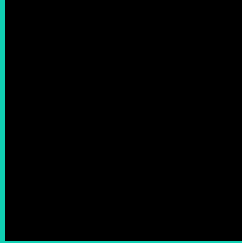
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

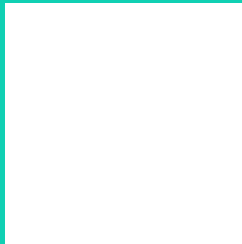
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 10D0B3 Background



This preview shows how black text looks on a background with the Hex color 10D0B3.

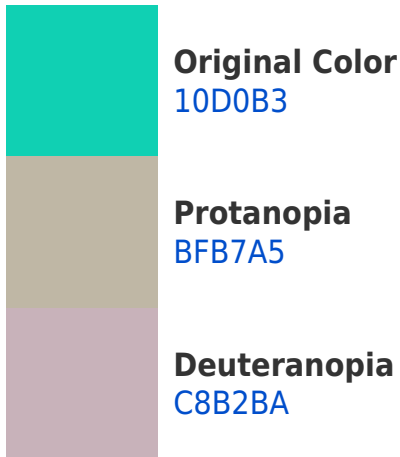


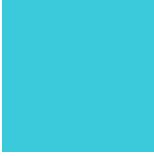
This preview shows how white text looks on a background with the Hex color 10D0B3.

# 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**  
3BCADB

# Trichromacy



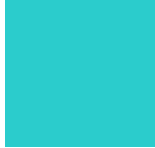
**Original Color**  
10D0B3



**Protanomaly**  
7FC0AA

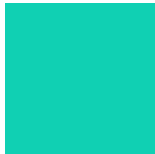


**Deuteranomaly**  
85BDB7



**Tritanomaly**  
2BCCCC

# Monochromacy



**Original Color**  
10D0B3



**Achromatopsia**  
939393



**Achromatomaly**  
63A99F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10D0B3 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 #10D0B3 looks like.

```
.text, #text, p{  
    color:#10D0B3  
}
```

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 #10D0B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10D0B3
}
```

## Border

The CSS property to change the border of an element to Hex 10D0B3 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
#10D0B3 }
```

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

```
.border{ border-color:#10D0B3 }
```

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

Here you see how a box with a 4 pixel #10D0B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10D0B3; -webkit-box-shadow:4px 4px  
4px 4px #10D0B3; box-shadow:4px 4px 4px  
4px #10D0B3 }
```

# Background

The CSS property to change the background color of an element to Hex 10D0B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10D0B3 }
```

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

```
.background{ background-color:#10D0B3 }
```

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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