

# Converting Colors

Hex(40D3BD)

Have a look what the booklet for  
Hex(40D3BD) contains.

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# Color

**Hex(40D3BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40D3BD
RGB	64, 211, 189
RGB Percent	25%, 83%, 74%
CMY	0.7490, 0.1725, 0.2588
CMYK	0.70, 0.00, 0.10, 0.17
HSL	171°, 63%, 54%
HSV	171°, 70%, 83%
XYZ	34.5939, 51.3526, 56.2329
YIQ	164.5390, -80.5500, -38.0060

# Conversions

## Conversions Part 2

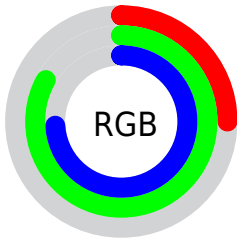
Format	Color
<a href="#">RYB</a>	<a href="#">64, 143, 211</a>
Decimal	<a href="#">4248509</a>
CIELab	<a href="#">76.89, -43.41, -0.30</a>
CIELCh	<a href="#">77, 43.407, 180.401</a>
Yxy	<a href="#">51.3526, 0.2433, 0.3612</a>
Android (android.graphics.Color)	<a href="#">4282438589</a> ( <a href="#">0xFF40D3BD</a> )
YUV	<a href="#">164.5390, 12.0593, -88.1727</a>
Hunter-Lab	<a href="#">71.6608, -39.2362, 3.6371</a>

# Details

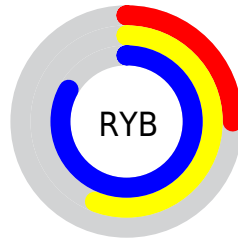
The Hex color **40D3BD** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted spring green. A complement of this color would be **D34056**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **83FFF5**, and **009C88** is the 20% darker color. If you saturate the color by 10%, you get **2BD3BA**, and if you desaturate by 10%, it is **55D3C0**.

# Distribution



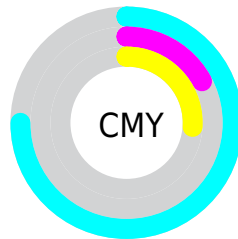
- Red (25%)
- Green (83%)
- Blue (74%)



- Red (25%)
- Yellow (56%)
- Blue (83%)



- Cyan (70%)
- Magenta (0%)
- Yellow (10%)
- Black (17%)



- Cyan (75%)
- Magenta (17%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40D3BD 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 40D3BD by changing the saturation by 10% instead.



 40D3BD

 40D3BD

FFFFFF

 06B7A2

 83FFF5

 009C88

 A1FFFF

 00816F

 C0FFFF

 006756

 DEFFFF

 004E3F

 F0FFFF

 003629

 002015

 000000

 40D3BD

 40D3BD

 2BD3BA

 55D3C0

 16D3B7

 6AD3C3

 01D3B4

 7FD3C6

 00D3B3

 94D3CA

 AAD3CD

 BFD3D0

 D4D3D3

 E9D3D6

 FED3D9

# Harmonies

## Analogous

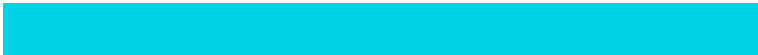
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7DCF95



40D3BD



00D2E5

# Triad

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



40D3BD



C3B3FF



F8AE79

# Complementary

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



40D3BD



D34056

# 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.



FFA297



40D3BD



F1A5E6

# Square

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



40D3BD



82C2FF



FF9EBF



D7BC6C

# Rectangle

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



40D3BD



00CFFB



FF9EBF



FFA981

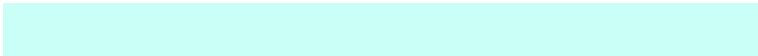


# Sweetspot

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



40D3BD



C9FFF7



56D340



60807B



000000



808080



# Same Dimension

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



40D3BD



29FFDF



40A0D3



5E6967



00A88F



002923



# Inverse Universe

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



D34056



FF2949



D37340



695E60



A80019

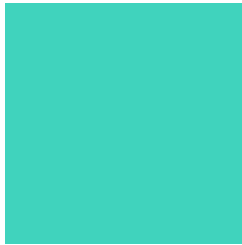


290006



# Previews

## White Background



This preview shows how the Hex color 40D3BD looks on a white background.

## Color Contrast Check

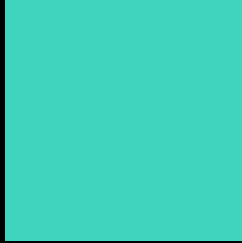
Large Text (above 18pt) WCAG AA × Fail

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 40D3BD 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

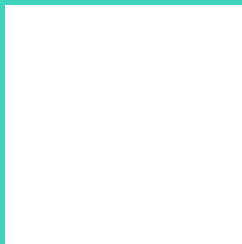
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 40D3BD Background



This preview shows how black text looks on a background with the Hex color 40D3BD.

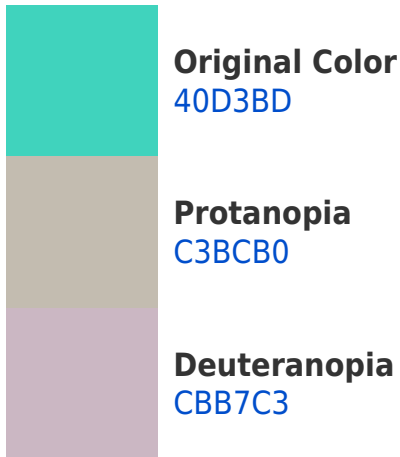


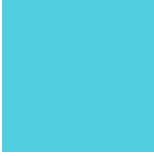
This preview shows how white text looks on a background with the Hex color 40D3BD.

# 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**  
51CEDF

# Trichromacy



**Original Color**  
40D3BD



**Protanomaly**  
93C4B5



**Deuteranomaly**  
98C1C1

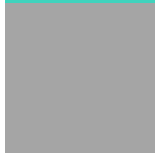


**Tritanomaly**  
4BD0D3

# Monochromacy



**Original Color**  
40D3BD



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
80B6AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40D3BD 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 #40D3BD looks like.

```
.text, #text, p{  
    color:#40D3BD  
}
```

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 #40D3BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40D3BD  
}
```

## Border

The CSS property to change the border of an element to Hex 40D3BD 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  
#40D3BD }
```

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

```
.border{ border-color:#40D3BD }
```

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

Here you see how a box with a 4 pixel #40D3BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40D3BD; -webkit-box-shadow:4px 4px  
4px 4px #40D3BD; box-shadow:4px 4px 4px  
4px #40D3BD }
```

# Background

The CSS property to change the background color of an element to Hex 40D3BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40D3BD }
```

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

```
.background{ background-color:#40D3BD }
```

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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