

# Converting Colors

Hex(40D0B1)

Have a look what the booklet for  
Hex(40D0B1) contains.

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**Color**

**Hex(40D0B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40D0B1
RGB	64, 208, 177
RGB Percent	25%, 82%, 69%
CMY	0.7490, 0.1843, 0.3059
CMYK	0.69, 0.00, 0.15, 0.18
HSL	167°, 61%, 53%
HSV	167°, 69%, 82%
XYZ	32.6060, 49.3761, 49.4070
YIQ	161.4100, -75.8730, -40.1690

# Conversions

## Conversions Part 2

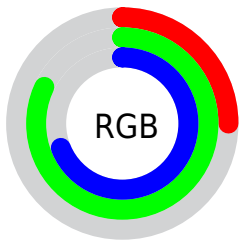
Format	Color
<a href="#">RYB</a>	<a href="#">64, 145, 208</a>
Decimal	<a href="#">4247729</a>
CIELab	<a href="#">75.68, -45.18, 4.39</a>
CIELCh	<a href="#">76, 45.388, 174.451</a>
Yxy	<a href="#">49.3761, 0.2482, 0.3758</a>
Android (android.graphics.Color)	<a href="#">4282437809</a> ( <a href="#">0xFF40D0B1</a> )
YUV	<a href="#">161.4100, 7.6859, -85.4286</a>
Hunter-Lab	<a href="#">70.2681, -40.1410, 7.4996</a>

# Details

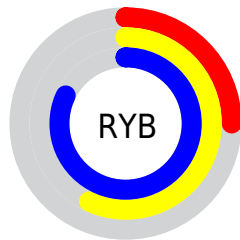
The Hex color **40D0B1** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D0405F**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **81FFE9**, and **00997D** is the 20% darker color. If you saturate the color by 10%, you get **2BD0AD**, and if you desaturate by 10%, it is **55D0B5**.

# Distribution



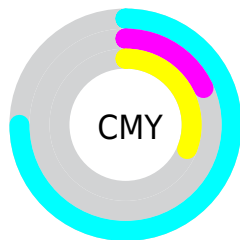
- Red (25%)
- Green (82%)
- Blue (69%)



- Red (25%)
- Yellow (57%)
- Blue (82%)



- Cyan (69%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)



- Cyan (75%)
- Magenta (18%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40D0B1 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 40D0B1 by changing the saturation by 10% instead.



 40D0B1

 40D0B1

FFFFFF

 0BB496

 81FFE9

 00997D

 A0FFFF

 007E64

 BEFFFF

 00644C

 DCFFFF

 004B35

 FBFFFF

 003320

 001D09

 000000

 40D0B1

 40D0B1

 2BD0AD

 55D0B5

 16D0A8

 6AD0BA

 02D0A4

 7ED0BE

 00D0A3

 93D0C3

 A8D0C7

 BDD0CC

 D2D0D0

 E6D0D5

 FBD0D9

# Harmonies

## Analogous

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



81CB88



40D0B1



00D0DC

# Triad

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



40D0B1



B3B3FF



FBA778

# Complementary

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



40D0B1



D0405F

# 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.



FF9B9A



40D0B1



E8A3EC

# Square

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



40D0B1



69C1FF



FF9AC4



DCB566

# Rectangle

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



40D0B1



00CDF4



FF9AC4



FFA282

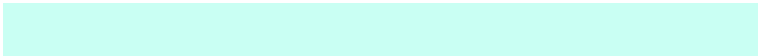


# Sweetspot

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



40D0B1



C9FFF3



5FD040



608079



000000



808080



# Same Dimension

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



40D0B1



2BFFD1



40A7D0



5E6966



00A884



002920



# Inverse Universe

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



D0405F



FF2B59



D06940



695E60



A80024

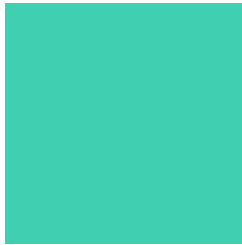


290009



# Previews

## White Background



This preview shows how the Hex color 40D0B1 looks on a white background.

## Color Contrast Check

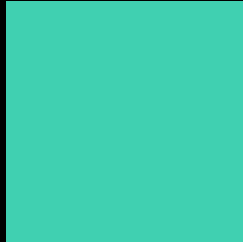
Large Text (above 18pt) WCAG AA × Fail

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 40D0B1 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

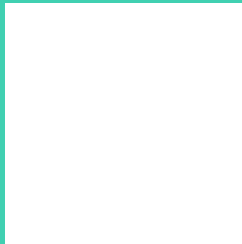
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 40D0B1 Background



This preview shows how black text looks on a background with the Hex color 40D0B1.



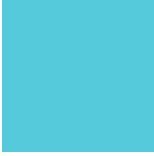
This preview shows how white text looks on a background with the Hex color 40D0B1.

# 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](#).

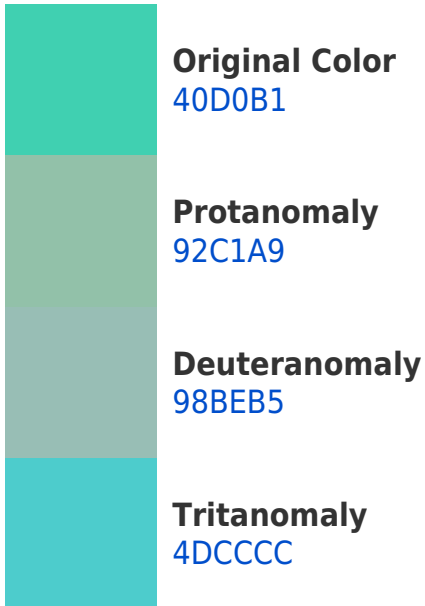
## Dichromacy



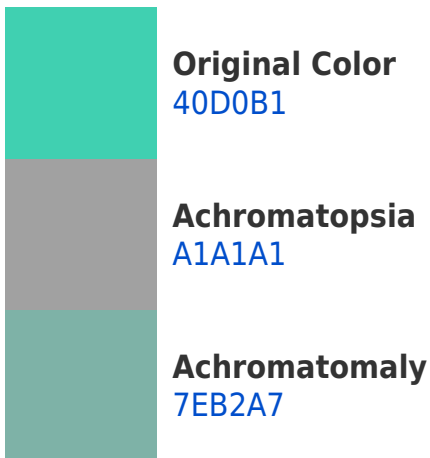


**Tritanopia**  
54CADB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40D0B1 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 #40D0B1 looks like.

```
.text, #text, p{  
  color:#40D0B1  
}
```

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 #40D0B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40D0B1
}
```

## Border

The CSS property to change the border of an element to Hex 40D0B1 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
#40D0B1 }
```

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

```
.border{ border-color:#40D0B1 }
```

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

Here you see how a box with a 4 pixel #40D0B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40D0B1; -webkit-box-shadow:4px 4px  
4px 4px #40D0B1; box-shadow:4px 4px 4px  
4px #40D0B1 }
```

# Background

The CSS property to change the background color of an element to Hex 40D0B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40D0B1 }
```

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

```
.background{ background-color:#40D0B1 }
```

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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