

Converting Colors

Hex(41D3B7)

Have a look what the booklet for
Hex(41D3B7) contains.

Hex(41D3B7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(41D3B7)

Conversions

Conversions Part 1

Format	Color
Hex	41D3B7
RGB	65, 211, 183
RGB Percent	25%, 83%, 72%
CMY	0.7451, 0.1725, 0.2824
CMYK	0.69, 0.00, 0.13, 0.17
HSL	168°, 62%, 54%
HSV	168°, 69%, 83%
XYZ	34.0215, 51.1312, 52.8759
YIQ	164.1540, -78.0280, -39.6600

Conversions

Conversions Part 2

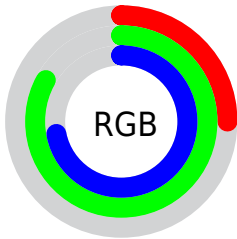
Format	Color
R _{YB}	65, 146, 211
Decimal	4314039
CIE _{Lab}	76.76, -44.81, 2.72
CIE _{LCh}	77, 44.893, 176.520
Y _{xy}	51.1312, 0.2465, 0.3704
Android (android.graphics.Color)	4282504119 (0xFF41D3B7)
YUV	164.1540, 9.2911, -86.9581
Hunter-Lab	71.5061, -40.2082, 6.2117

Details

The Hex color **41D3B7** 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 **D3415D**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **83FFEF**, and **009C82** is the 20% darker color. If you saturate the color by 10%, you get **2CD3B3**, and if you desaturate by 10%, it is **56D3BB**.

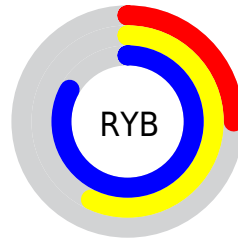
Distribution



Red (25%)

Green (83%)

Blue (72%)



Red (25%)

Yellow (57%)

Blue (83%)

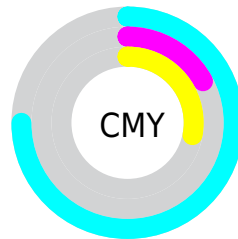


Cyan (69%)

Magenta (0%)

Yellow (13%)

Black (17%)



Cyan (75%)

Magenta (17%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41D3B7 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 41D3B7 by changing the saturation by 10% instead.

 41D3B7

 41D3B7

FFFFFF

 0BB79C

 83FFEF

 009C82

 A1FFFF

 008169

 C0FFFF

 006751

 DEFFFF

 004E3A

 F0FFFF

 003625

 002010

 000000

 41D3B7

 41D3B7

 2CD3B3

 56D3BB

 17D3AF

 6BD3BF

 02D3AB

 80D3C3

 00D3AB

 95D3C7

 ABD3CB

 C0D3CF

 D5D3D3

 EAD3D7

 FFD3DB

Harmonies

Analogous

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



81CF8E



41D3B7



00D3E1

Triad

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



41D3B7



BBB4FF



FCAB79

Complementary

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



41D3B7



D3415D

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.



FF9F9B



41D3B7



EDA5EC

Square

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



41D3B7



74C3FF



FF9DC4



DCB96A

Rectangle

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



41D3B7



00D0F9



FF9DC4



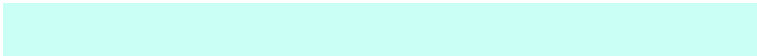
FFA683

Sweetspot

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



41D3B7



C9FFF5



5ED341



608079



000000



808080

Same Dimension

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



41D3B7



2BFFD6



41A7D3



5E6967



00A888



002921

Inverse Universe

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



D3415D



FF2B54



D36D41



695E60



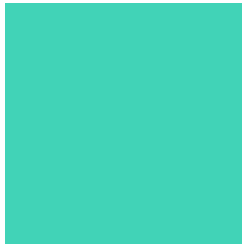
A80020



290008

Previews

White Background



This preview shows how the Hex color 41D3B7 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 41D3B7 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

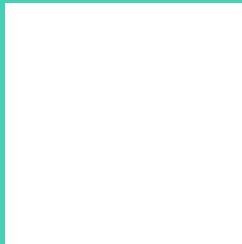
Any Text WCAG AAA ✓ Pass

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

Hex 41D3B7 Background



This preview shows how black text looks on a background with the Hex color 41D3B7.



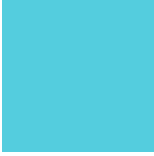
This preview shows how white text looks on a background with the Hex color 41D3B7.

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



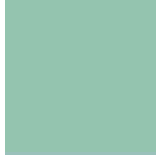


Tritanopia
54CDDE

Trichromacy



Original Color
41D3B7



Protanomaly
94C4AF



Deuteranomaly
9AC1BB

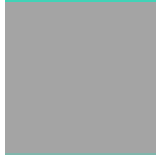


Tritanomaly
4DCFD0

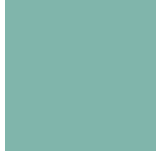
Monochromacy



Original Color
41D3B7



Achromatopsia
A4A4A4



Achromatomaly
80B5AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 41D3B7 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 #41D3B7 looks like.

```
.text, #text, p{  
    color:#41D3B7  
}
```

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 #41D3B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41D3B7
}
```

Border

The CSS property to change the border of an element to Hex 41D3B7 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
#41D3B7 }
```

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

```
.border{ border-color:#41D3B7 }
```

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

Here you see how a box with a 4 pixel #41D3B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41D3B7; -webkit-box-shadow:4px 4px  
4px 4px #41D3B7; box-shadow:4px 4px 4px  
4px #41D3B7 }
```

Background

The CSS property to change the background color of an element to Hex 41D3B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41D3B7 }
```

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

```
.background{ background-color:#41D3B7 }
```

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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