

Converting Colors

Hex(41D4D7)

Have a look what the booklet for
Hex(41D4D7) contains.

Hex(41D4D7)	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(41D4D7)

Conversions

Conversions Part 1

Format	Color
Hex	41D4D7
RGB	65, 212, 215
RGB Percent	25%, 83%, 84%
CMY	0.7451, 0.1686, 0.1569
CMYK	0.70, 0.01, 0.00, 0.16
HSL	181°, 65%, 55%
HSV	181°, 70%, 84%
XYZ	37.9892, 53.1171, 72.5404
YIQ	168.3890, -88.5750, -30.2310

Conversions

Conversions Part 2

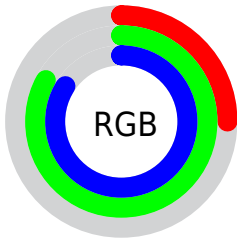
Format	Color
RYB	65, 139, 215
Decimal	4314327
CIELab	77.94, -36.62, -12.70
CIELCh	78, 38.765, 199.132
Yxy	53.1171, 0.2321, 0.3246
Android (android.graphics.Color)	4282504407 (0xFF41D4D7)
YUV	168.3890, 22.9792, -90.6722
Hunter-Lab	72.8815, -34.5001, -7.9955

Details

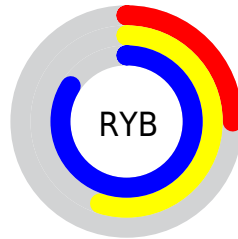
The Hex color **41D4D7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D74441**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **85FFFF**, and **009DA0** is the 20% darker color. If you saturate the color by 10%, you get **2CD4D7**, and if you desaturate by 10%, it is **57D4D7**.

Distribution



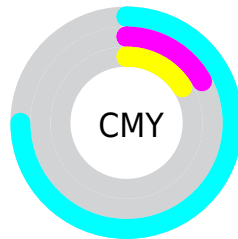
- Red (25%)
- Green (83%)
- Blue (84%)



- Red (25%)
- Yellow (55%)
- Blue (84%)



- Cyan (70%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (75%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41D4D7 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 41D4D7 by changing the saturation by 10% instead.

 41D4D7

 41D4D7

FFFFFF

 00B8BB

 85FFFF

 009DA0

 A4FFFF

 008286

 C3FFFF

 00696D

 E2FFFF

 005055

 00383E

 002428

 000114

 000000

41D4D7

41D4D7

2CD4D7

57D4D7

16D3D7

6CD5D7

01D3D7

82D5D7

00D3D7

97D6D7

ADD6D7

C2D7D7

D8D7D7

EDD7D7

FFD8D7

Harmonies

Analogous

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



6CD3B2



41D4D7



43D0F6

Triad

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



41D4D7



E1AFF0



E5BA7A

Complementary

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



41D4D7



D74441

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.



FEAE8C



41D4D7



FFA6CF

Square

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



41D4D7



B2BCFF



FFA6AB



C2C67C

Rectangle

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



41D4D7



65CBFF



FFA6AB



EEB67E

Sweetspot

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



41D4D7



C9FEFF



41D744



607F80



000000



808080

Same Dimension

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



41D4D7



29FBFF



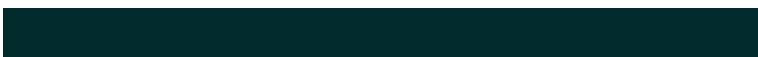
418AD7



606B6B



00A7AB



002A2B

Inverse Universe

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



D741D4



FF29FB



D78F41



6B606B



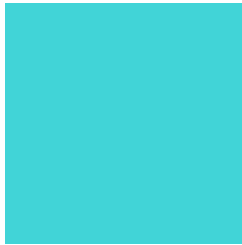
AB00A7



2B002A

Previews

White Background



This preview shows how the Hex color 41D4D7 looks on a white background.

Color Contrast Check

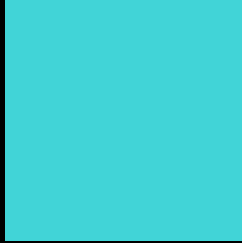
Large Text (above 18pt) WCAG AA × Fail

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 41D4D7 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

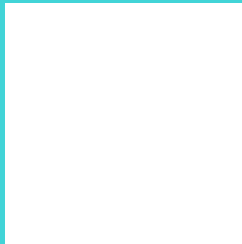
Any Text WCAG AAA ✓ Pass

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

Hex 41D4D7 Background



This preview shows how black text looks on a background with the Hex color 41D4D7.

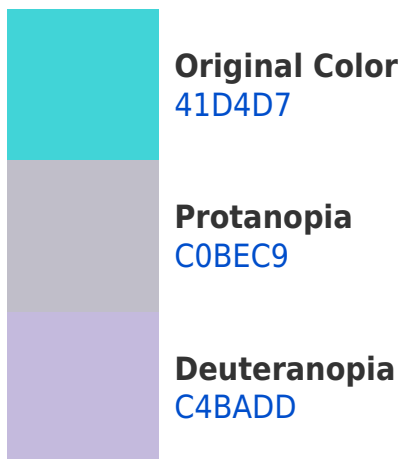


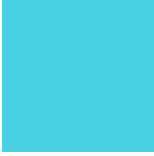
This preview shows how white text looks on a background with the Hex color 41D4D7.

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
48D2E3

Trichromacy



Original Color
41D4D7



Protanomaly
92C6CE



Deuteranomaly
94C3DB

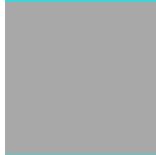


Tritanomaly
45D3DF

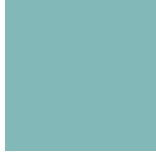
Monochromacy



Original Color
41D4D7



Achromatopsia
A8A8A8



Achromatomaly
83B8B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 41D4D7 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 #41D4D7 looks like.

```
.text, #text, p{  
    color:#41D4D7  
}
```

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 #41D4D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41D4D7
}
```

Border

The CSS property to change the border of an element to Hex 41D4D7 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
#41D4D7 }
```

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

```
.border{ border-color:#41D4D7 }
```

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

Here you see how a box with a 4 pixel #41D4D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41D4D7; -webkit-box-shadow:4px 4px  
4px 4px #41D4D7; box-shadow:4px 4px 4px  
4px #41D4D7 }
```

Background

The CSS property to change the background color of an element to Hex 41D4D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41D4D7 }
```

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

```
.background{ background-color:#41D4D7 }
```

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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