

Converting Colors

Hex(41DFD2)

Have a look what the booklet for
Hex(41DFD2) contains.

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Color

Hex(41DFD2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 41DFD2 |
| RGB | 65, 223, 210 |
| RGB Percent | 25%, 87%, 82% |
| CMY | 0.7451, 0.1255, 0.1765 |
| CMYK | 0.71, 0.00, 0.06, 0.13 |
| HSL | 175°, 71%, 56% |
| HSV | 175°, 71%, 87% |
| XYZ | 40.2005, 58.5523, 70.1557 |
| YIQ | 174.2760, -89.9950, -37.5390 |

Conversions

Conversions Part 2

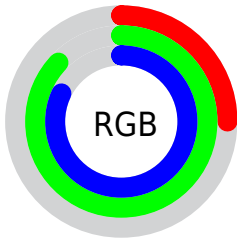
| Format | Color |
|-------------------------------------|---|
| RYB | 65, 147, 223 |
| Decimal | 4317138 |
| CIELab | 81.04, -42.98, -5.42 |
| CIELCh | 81, 43.318, 187.192 |
| Yxy | 58.5523, 0.2380, 0.3467 |
| Android (android.graphics.Color) | 4282507218 (0xFF41DFD2) |
| YUV | 174.2760, 17.6119, -95.8351 |
| Hunter-Lab | 76.5195, -40.1318, -0.7955 |

Details

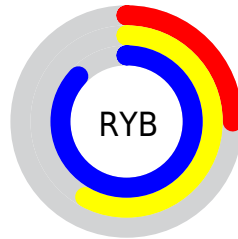
The Hex color **41DFD2** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **DF414E**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **86FFFF**, and **00A79C** is the 20% darker color. If you saturate the color by 10%, you get **2BDFD0**, and if you desaturate by 10%, it is **57DFD4**.

Distribution



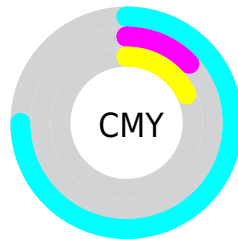
- Red (25%)
- Green (87%)
- Blue (82%)



- Red (25%)
- Yellow (58%)
- Blue (87%)



- Cyan (71%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



- Cyan (75%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41DFD2 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 41DFD2 by changing the saturation by 10% instead.

 41DFD2

 41DFD2

FFFFFF

 00C3B6

 86FFFF

 00A79C

 A6FFFF

 008C82

 C5FFFF

 007269

 E4FFFF

 005851

 00403A

 002A24

 000810

 000000

 41DFD2

 41DFD2

 2BDFD0

 57DFD4

 14DFCE

 6EDFD6

 00DFCD

 84DFD8

 9ADFD9

 B1DFDB

 C7DFDD

 DDDDFD

 F3DFE1

 FFDFE3

Harmonies

Analogous

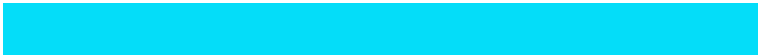
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7CDCA9



41DFD2



04DDF9

Triad

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



41DFD2



DBBBFF



FEBC7F

Complementary

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



41DFD2



DF414E

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.



FFAF9A



41DFD2



FFAEAA

Square

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



41DFD2



9ECAFF



FFA9C1



DACA78

Rectangle

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



41DFD2



3AD9FF



FFA9C1



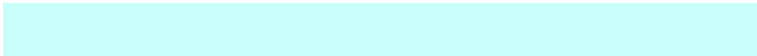
FFB786

Sweetspot

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



41DFD2



C9FFFB



4EDF41



60807D



000000



808080

Same Dimension

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



41DFD2



26FFED



419DDF



65706F



00B0A1



00302C

Inverse Universe

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



DF414E



FF2638



DF8341



706566



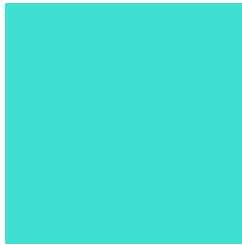
B0000E



300004

Previews

White Background



This preview shows how the Hex color 41DFD2 looks on a white background.

Color Contrast Check

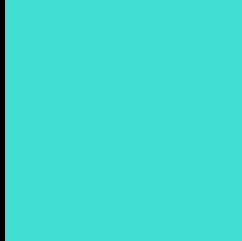
Large Text (above 18pt) WCAG AA × Fail

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 41DFD2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

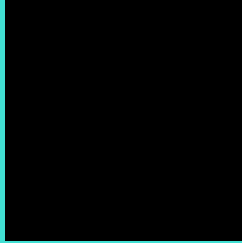
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

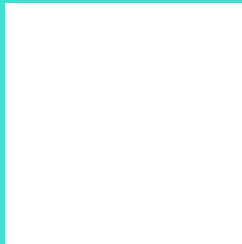
Any Text WCAG AAA ✓ Pass

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

Hex 41DFD2 Background



This preview shows how black text looks on a background with the Hex color 41DFD2.



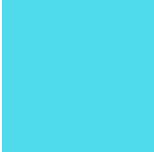
This preview shows how white text looks on a background with the Hex color 41DFD2.

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
50DBED

Trichromacy



Original Color
41DFD2



Protanomaly
99D0C9



Deuteranomaly
9ECDD6

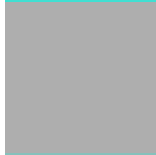


Tritanomaly
4BDCE3

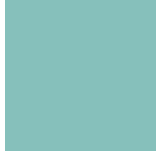
Monochromacy



Original Color
41DFD2



Achromatopsia
AEAEAE



Achromatomaly
86C0BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 41DFD2 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 #41DFD2 looks like.

```
.text, #text, p{  
    color:#41DFD2  
}
```

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 #41DFD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41DFD2
}
```

Border

The CSS property to change the border of an element to Hex 41DFD2 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
#41DFD2 }
```

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

```
.border{ border-color:#41DFD2 }
```

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

Here you see how a box with a 4 pixel #41DFD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41DFD2; -webkit-box-shadow:4px 4px  
4px 4px #41DFD2; box-shadow:4px 4px 4px  
4px #41DFD2 }
```

Background

The CSS property to change the background color of an element to Hex 41DFD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41DFD2 }
```

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

```
.background{ background-color:#41DFD2 }
```

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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