

Converting Colors

Hex(41DFC1)

Have a look what the booklet for
Hex(41DFC1) contains.

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Color

Hex(41DFC1)

Conversions

Conversions Part 1

Format	Color
Hex	41DFC1
RGB	65, 223, 193
RGB Percent	25%, 87%, 76%
CMY	0.7451, 0.1255, 0.2431
CMYK	0.71, 0.00, 0.13, 0.13
HSL	169°, 71%, 56%
HSV	169°, 71%, 87%
XYZ	38.1933, 57.7494, 59.5858
YIQ	172.3380, -84.5380, -42.8260

Conversions

Conversions Part 2

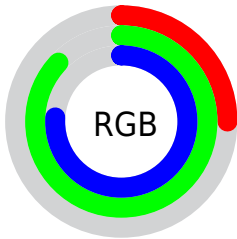
Format	Color
RYB	65, 152, 223
Decimal	4317121
CIELab	80.60, -47.41, 2.96
CIElCh	81, 47.503, 176.427
Yxy	57.7494, 0.2456, 0.3713
Android (android.graphics.Color)	4282507201 (0xFF41DFC1)
YUV	172.3380, 10.1864, -94.1354
Hunter-Lab	75.9930, -43.2756, 6.7061

Details

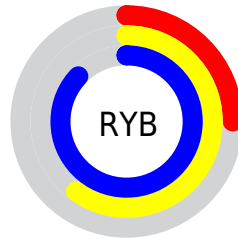
The Hex color **41DFC1** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted cyan. A complement of this color would be **DF415F**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **85FFF9**, and **00A78C** is the 20% darker color. If you saturate the color by 10%, you get **2BDFBD**, and if you desaturate by 10%, it is **57DFC5**.

Distribution



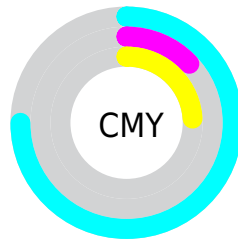
- Red (25%)
- Green (87%)
- Blue (76%)



- Red (25%)
- Yellow (60%)
- Blue (87%)



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



- Cyan (75%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Hex color 41DFC1 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 41DFC1 by changing the saturation by 10% instead.

 41DFC1

 41DFC1

FFFFFF

 01C3A6

 85FFF9

 00A78C

 A4FFFF

 008C72

 C3FFFF

 00725A

 E2FFFF


 005842

 003F2C

 002A18

 000400

 000000

 41DFC1

 41DFC1

 2BDFBD

 57DFC5

 14DFB9

 6EDFC9

 00DFB5

 84DFCE

 9ADFD2

 B1DFD6

 C7DFDA

 DDDDFD

 F3DFE3

 FFDFE7

Harmonies

Analogous

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



87DA95



41DFC1



00DFEE

Triad

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



41DFC1



C5BEFF



FFB47F

Complementary

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



41DFC1



DF415F

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.



FFA7A3



41DFC1



FBAEFA

Square

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



41DFC1



78CEFF



FFA5CF



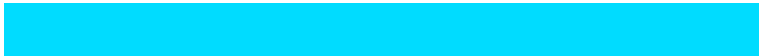
E9C46E

Rectangle

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



41DFC1



00DCFF



FFA5CF



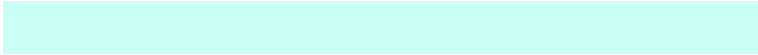
FFAF8A

Sweetspot

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



41DFC1



C9FFF5



61DF41



608079



000000



808080

Same Dimension

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



41DFC1



26FFD6



41B0DF



65706E



00B08F



003027

Inverse Universe

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



DF415F



FF264F



DF7041



706567



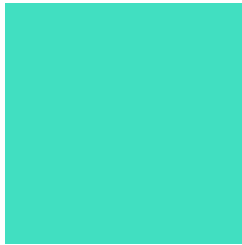
B00021



300009

Previews

White Background



This preview shows how the Hex color 41DFC1 looks on a white background.

Color Contrast Check

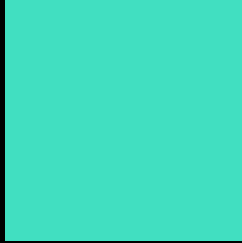
Large Text (above 18pt) WCAG AA × Fail

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 41DFC1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

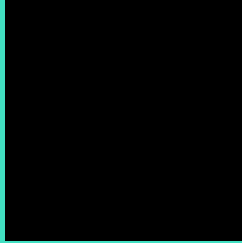
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

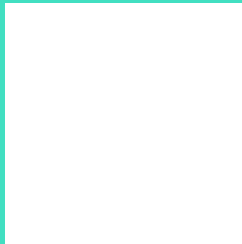
Any Text WCAG AAA ✓ Pass

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

Hex 41DFC1 Background



This preview shows how black text looks on a background with the Hex color 41DFC1.



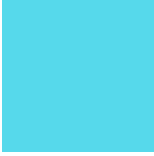
This preview shows how white text looks on a background with the Hex color 41DFC1.

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](#).

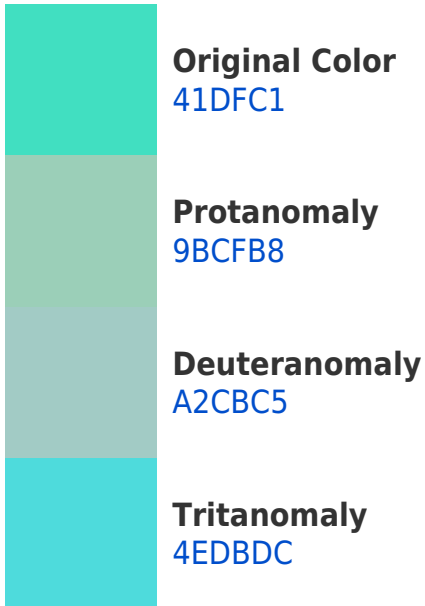
Dichromacy



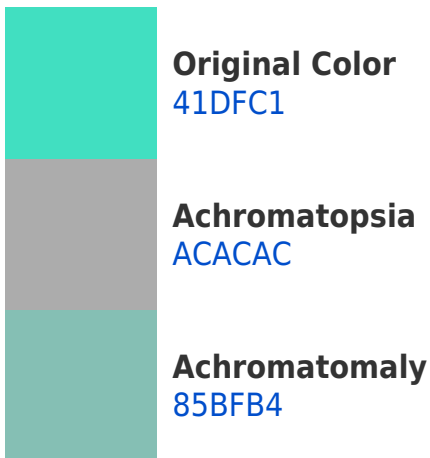


Tritanopia
56D9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41DFC1 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 #41DFC1 looks like.

```
.text, #text, p{  
    color:#41DFC1  
}
```

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 #41DFC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41DFC1
}
```

Border

The CSS property to change the border of an element to Hex 41DFC1 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
#41DFC1 }
```

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

```
.border{ border-color:#41DFC1 }
```

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

Here you see how a box with a 4 pixel #41DFC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41DFC1; -webkit-box-shadow:4px 4px  
4px 4px #41DFC1; box-shadow:4px 4px 4px  
4px #41DFC1 }
```

Background

The CSS property to change the background color of an element to Hex 41DFC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41DFC1 }
```

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

```
.background{ background-color:#41DFC1 }
```

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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