

Converting Colors

Hex(41FDC5)

Have a look what the booklet for
Hex(41FDC5) contains.

Hex(41FDC5)	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(41FDC5)

Conversions

Conversions Part 1

Format	Color
Hex	41FDC5
RGB	65, 253, 197
RGB Percent	25%, 99%, 77%
CMY	0.7451, 0.0078, 0.2275
CMYK	0.74, 0.00, 0.22, 0.01
HSL	162°, 98%, 62%
HSV	162°, 74%, 99%
XYZ	47.3833, 75.4056, 64.8807
YIQ	190.4040, -94.0720, -57.2720

Conversions

Conversions Part 2

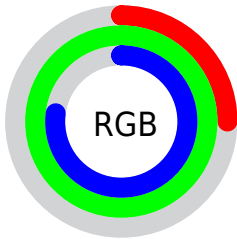
Format	Color
RYB	65, 175, 253
Decimal	4324805
CIELab	89.58, -58.64, 13.74
CIELCh	90, 60.226, 166.812
Yxy	75.4056, 0.2525, 0.4018
Android (android.graphics.Color)	4282514885 (0xFF41FDC5)
YUV	190.4040, 3.2518, -109.9793
Hunter-Lab	86.8364, -54.5631, 16.4863

Details

The Hex color **41FDC5** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FD4179**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **8AFFFE**, and **00C38F** is the 20% darker color. If you saturate the color by 10%, you get **28FDBD**, and if you desaturate by 10%, it is **5AFDCD**.

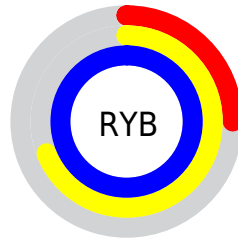
Distribution



Red (25%)

Green (99%)

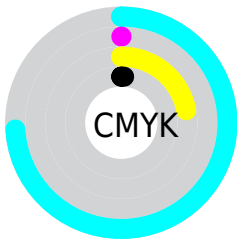
Blue (77%)



Red (25%)

Yellow (69%)

Blue (99%)

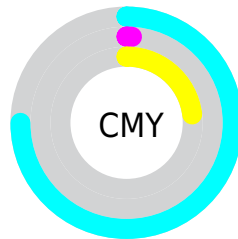


Cyan (74%)

Magenta (0%)

Yellow (22%)

Black (1%)



Cyan (75%)

Magenta (1%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41FDC5 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 41FDC5 by changing the saturation by 10% instead.

 41FDC5

 41FDC5

FFFFFF

 00E0AA

 8AFFFE

 00C38F

 AFFFFF

 00A776

 CAFFFF

 008C5D

 EAFFFF

 007145

 00572F

 003E19

 002700

 000000

 41FDC5

 41FDC5

 28FDBD

 5AFDCD

 0EFDB6

 74FDD4

 00FDB2

 8DFDDC

 A6FDE3

 C0FDEB

 D9DFD2

 F2FDFA

 FFFDFF

Harmonies

Analogous

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



A3F690



41FDC5



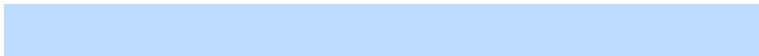
00FFFF

Triad

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



41FDC5



BDDCFF



FFC090

Complementary

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



41FDC5



FD4179

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.



FFB2C3



41FDC5



FFC6FF

Square

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



41FDC5



1EEFFB



FFB4FD



FFD56F

Rectangle

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



41FDC5



00FCFF



FFB4FD



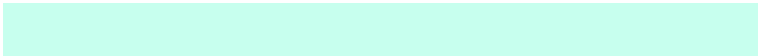
FFBA9F

Sweetspot

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



41FDC5



C7FFEE



79FD41



5E8076



000000



808080

Same Dimension

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



41FDC5



1CFFBB



41D7FD



73807C



00BF86



00402D

Inverse Universe

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



FD4179



FF1C60



FD6741



807377



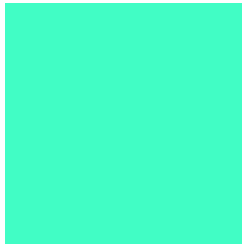
BF0039



400013

Previews

White Background



This preview shows how the Hex color 41FDC5 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 41FDC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

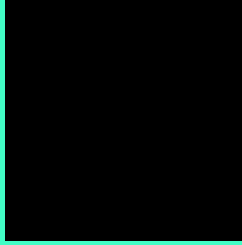
Any Text WCAG AA ✓ Pass

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 41FDC5 Background



This preview shows how black text looks on a background with the Hex color 41FDC5.

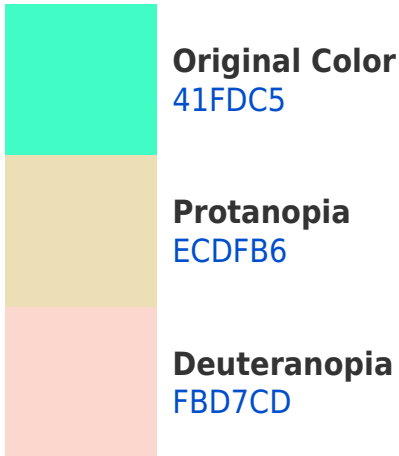


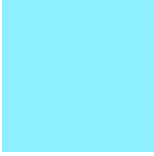
This preview shows how white text looks on a background with the Hex color 41FDC5.

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



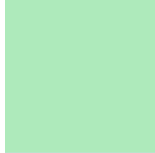


Tritanopia
8DEFFF

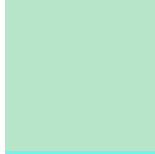
Trichromacy



Original Color
41FDC5



Protanomaly
AEEABB



Deuteranomaly
B7E5CA

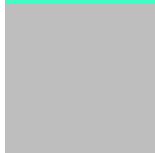


Tritanomaly
71F4EA

Monochromacy



Original Color
41FDC5



Achromatopsia
BEBEBE



Achromatomaly
91D5C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 41FDC5 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 #41FDC5 looks like.

```
.text, #text, p{  
    color:#41FDC5  
}
```

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 #41FDC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41FDC5
}
```

Border

The CSS property to change the border of an element to Hex 41FDC5 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
#41FDC5 }
```

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

```
.border{ border-color:#41FDC5 }
```

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

Here you see how a box with a 4 pixel #41FDC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41FDC5; -webkit-box-shadow:4px 4px  
4px 4px #41FDC5; box-shadow:4px 4px 4px  
4px #41FDC5 }
```

Background

The CSS property to change the background color of an element to Hex 41FDC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41FDC5 }
```

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

```
.background{ background-color:#41FDC5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor