

Converting Colors

Hex(41B5DC)

Have a look what the booklet for
Hex(41B5DC) contains.

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Color

Hex(41B5DC)

Conversions

Conversions Part 1

Format	Color
Hex	41B5DC
RGB	65, 181, 220
RGB Percent	25%, 71%, 86%
CMY	0.7451, 0.2902, 0.1373
CMYK	0.70, 0.18, 0.00, 0.14
HSL	195°, 69%, 56%
HSV	195°, 70%, 86%
XYZ	31.6221, 39.3389, 73.6366
YIQ	150.7620, -81.6550, -12.4630

Conversions

Conversions Part 2

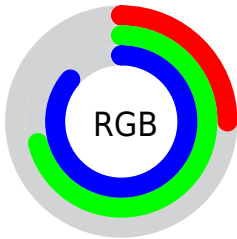
Format	Color
RYB	65, 131, 220
Decimal	4306396
CIELab	69.00, -19.90, -29.01
CIELCh	69, 35.179, 235.547
Yxy	39.3389, 0.2187, 0.2721
Android (android.graphics.Color)	4282496476 (0xFF41B5DC)
YUV	150.7620, 34.1343, -75.2133
Hunter-Lab	62.7207, -19.7663, -25.7044

Details

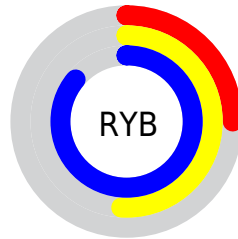
The Hex color **41B5DC** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DC6841**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **83EDFF**, and **0080A5** is the 20% darker color. If you saturate the color by 10%, you get **2BAFDC**, and if you desaturate by 10%, it is **57BBDC**.

Distribution



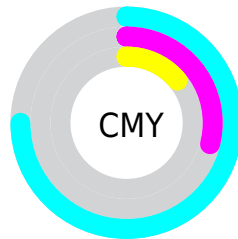
- Red (25%)
- Green (71%)
- Blue (86%)



- Red (25%)
- Yellow (51%)
- Blue (86%)



- Cyan (70%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (75%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41B5DC 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 41B5DC by changing the saturation by 10% instead.

 41B5DC

 41B5DC

FFFFFF

 0B9AC0


 83EDFF

 0080A5

 A2FFFF

 00678A

 C0FFFF

 004F71

 DEFFFF

 003858

 FDFFFF

 002341

 00032B

 000115

 000000

■ 41B5DC

■ 41B5DC

■ 2BAFDC

■ 57BBDC

■ 15AADC

■ 6DC0DC

■ 00A5DC

■ 83C6DC

■ 99CBDC

■ AFD1DC

■ C5D6DC

■ DBDCDC

■ F1E1DC

■ FFE7DC

Harmonies

Analogous

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



32B9C3



41B5DC



74ADE7

Triad

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



41B5DC



E290AE



A2AF6E

Complementary

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



41B5DC



DC6841

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.



C2A569



41B5DC



E7928F

Square

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



41B5DC



CC97CD



DB9A75



7DB683

Rectangle

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



41B5DC



96A6E5



DB9A75



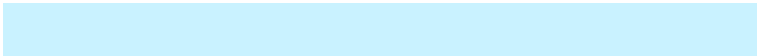
ADAC6A

Sweetspot

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



41B5DC



C9F2FF



41DC68



607780



000000



808080

Same Dimension

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



41B5DC



26C8FF



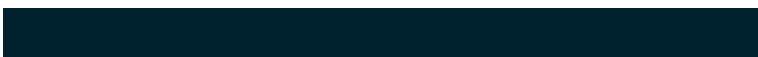
4168DC



636B6E



0082AD



00222E

Inverse Universe

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



DC41B5



FF26C8



DCB541



6E636B



AD0082



2E0022

Previews

White Background



This preview shows how the Hex color 41B5DC looks on a white background.

Color Contrast Check

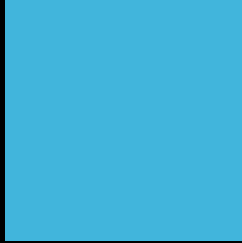
Large Text (above 18pt) WCAG AA × Fail

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 41B5DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

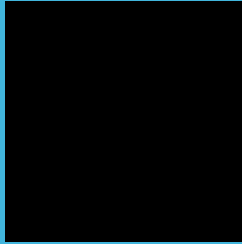
Any Text WCAG AA ✓ Pass

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 41B5DC Background



This preview shows how black text looks on a background with the Hex color 41B5DC.

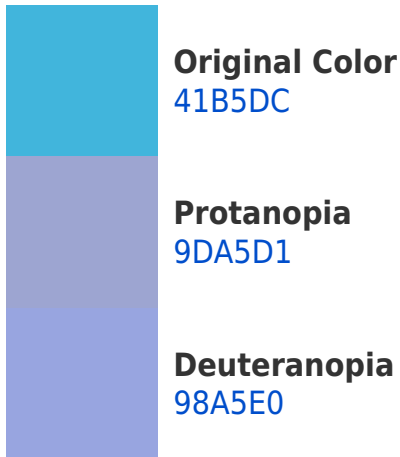


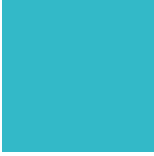
This preview shows how white text looks on a background with the Hex color 41B5DC.

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](#).

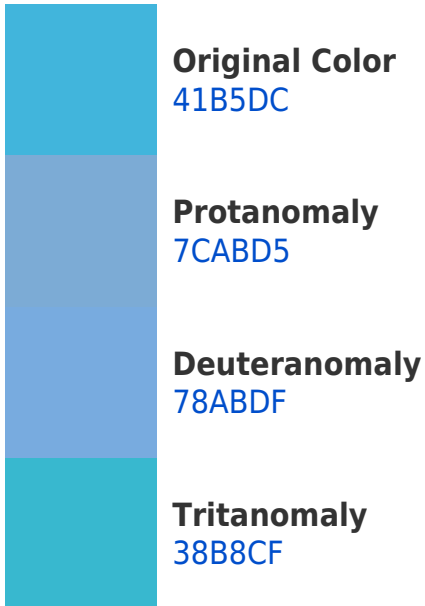
Dichromacy



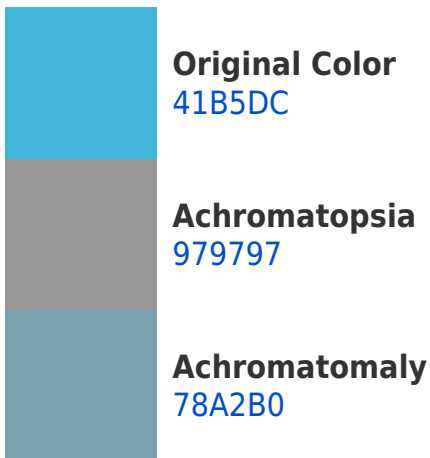


Tritanopia
33B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41B5DC 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 #41B5DC looks like.

```
.text, #text, p{  
    color:#41B5DC  
}
```

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 #41B5DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41B5DC
}
```

Border

The CSS property to change the border of an element to Hex 41B5DC 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
#41B5DC }
```

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

```
.border{ border-color:#41B5DC }
```

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

Here you see how a box with a 4 pixel #41B5DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41B5DC; -webkit-box-shadow:4px 4px  
4px 4px #41B5DC; box-shadow:4px 4px 4px  
4px #41B5DC }
```

Background

The CSS property to change the background color of an element to Hex 41B5DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41B5DC }
```

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

```
.background{ background-color:#41B5DC }
```

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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