

Converting Colors

Hex(41C6DA)

Have a look what the booklet for
Hex(41C6DA) contains.

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Color

Hex(41C6DA)

Conversions

Conversions Part 1

Format	Color
Hex	41C6DA
RGB	65, 198, 218
RGB Percent	25%, 78%, 85%
CMY	0.7451, 0.2235, 0.1451
CMYK	0.70, 0.09, 0.00, 0.15
HSL	188°, 67%, 55%
HSV	188°, 70%, 85%
XYZ	35.0289, 46.5739, 73.4731
YIQ	160.5130, -85.6880, -21.9760

Conversions

Conversions Part 2

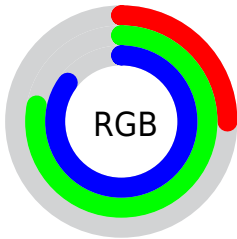
Format	Color
R _{YB}	65, 136, 218
Decimal	4310746
CIE Lab	73.92, -29.09, -20.39
CIE LCh	74, 35.527, 215.034
Yxy	46.5739, 0.2259, 0.3003
Android (android.graphics.Color)	4282500826 (0xFF41C6DA)
YUV	160.5130, 28.3411, -83.7649
Hunter-Lab	68.2451, -27.8082, -16.0604

Details

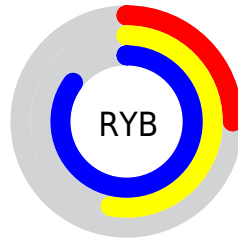
The Hex color **41C6DA** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DA5541**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **84FFFF**, and **0090A3** is the 20% darker color. If you saturate the color by 10%, you get **2BC3DA**, and if you desaturate by 10%, it is **57C9DA**.

Distribution



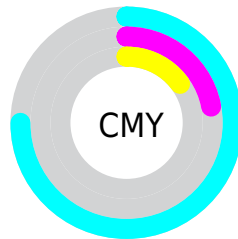
- Red (25%)
- Green (78%)
- Blue (85%)



- Red (25%)
- Yellow (53%)
- Blue (85%)



- Cyan (70%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (75%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41C6DA 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 41C6DA by changing the saturation by 10% instead.

 41C6DA

 41C6DA

FFFFFF

 06ABBE


 84FFFF

 0090A3

 A3FFFF

 007689

 C2FFFF

 005D6F

 E0FFFF

 004557

 002E40

 00182A

 000115

 000000

■ 41C6DA

■ 41C6DA

■ 2BC3DA

■ 57C9DA

■ 15C0DA

■ 6DCCDA

■ 00BEDA

■ 82CFDA

■ 98D1DA

■ AED4DA

■ C4D7DA

■ DADADA

■ EFDDDA

■ FFE0DA

Harmonies

Analogous

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



56C7BA



41C6DA



5EC0F0

Triad

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



41C6DA



E4A1D2



C7B574

Complementary

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



41C6DA



DA5541

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.



E3AA7B



41C6DA



F59DB1

Square

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



41C6DA



C1ABEB



F4A192



A3BF7F

Rectangle

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



41C6DA



80BAF6



F4A192



D1B275

Sweetspot

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



41C6DA



C9F8FF



41DA53



607B80



000000



808080

Same Dimension

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



41C6DA



29E3FF



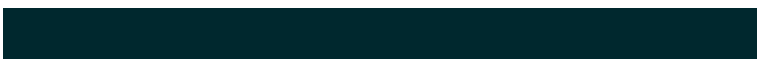
417CDA



636C6E



0097AD



00282E

Inverse Universe

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



DA41C6



FF29E3



DA9F41



6E636C



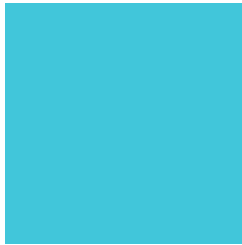
AD0097



2E0028

Previews

White Background



This preview shows how the Hex color 41C6DA looks on a white background.

Color Contrast Check

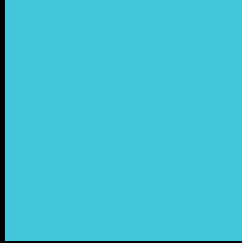
Large Text (above 18pt) WCAG AA × Fail

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 41C6DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

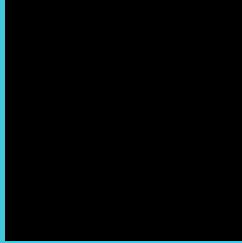
Any Text WCAG AA ✓ Pass

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 41C6DA Background



This preview shows how black text looks on a background with the Hex color 41C6DA.

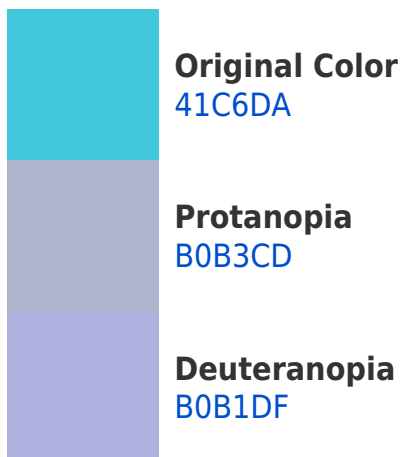


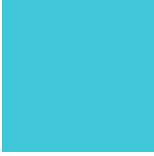
This preview shows how white text looks on a background with the Hex color 41C6DA.

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](#).

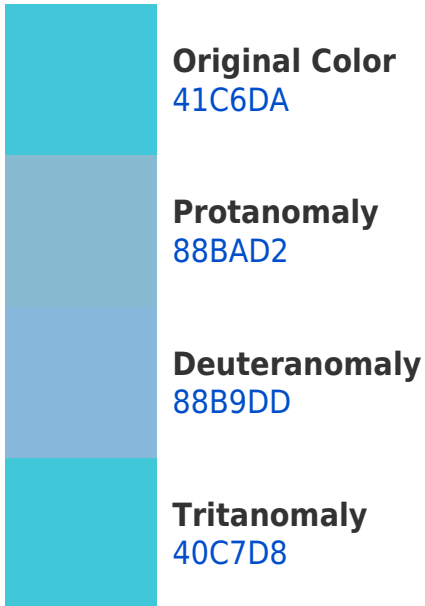
Dichromacy



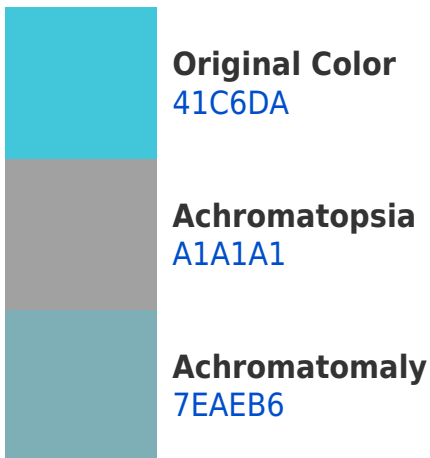


Tritanopia
3FC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41C6DA 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 #41C6DA looks like.

```
.text, #text, p{  
    color:#41C6DA  
}
```

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 #41C6DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41C6DA
}
```

Border

The CSS property to change the border of an element to Hex 41C6DA 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
#41C6DA }
```

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

```
.border{ border-color:#41C6DA }
```

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

Here you see how a box with a 4 pixel #41C6DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41C6DA; -webkit-box-shadow:4px 4px  
4px 4px #41C6DA; box-shadow:4px 4px 4px  
4px #41C6DA }
```

Background

The CSS property to change the background color of an element to Hex 41C6DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41C6DA }
```

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

```
.background{ background-color:#41C6DA }
```

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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