

Converting Colors

Hex(41C8D6)

Have a look what the booklet for
Hex(41C8D6) contains.

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Color

Hex(41C8D6)

Conversions

Conversions Part 1

Format	Color
Hex	41C8D6
RGB	65, 200, 214
RGB Percent	25%, 78%, 84%
CMY	0.7451, 0.2157, 0.1608
CMYK	0.70, 0.07, 0.00, 0.16
HSL	186°, 65%, 55%
HSV	186°, 70%, 84%
XYZ	34.9718, 47.2874, 70.9025
YIQ	161.2310, -84.9540, -24.2660

Conversions

Conversions Part 2

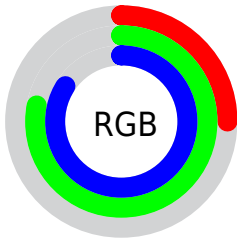
Format	Color
RYB	65, 136, 214
Decimal	4311254
CIELab	74.37, -31.25, -17.54
CIELCh	74, 35.837, 209.297
Yxy	47.2874, 0.2283, 0.3087
Android (android.graphics.Color)	4282501334 (0xFF41C8D6)
YUV	161.2310, 26.0151, -84.3946
Hunter-Lab	68.7658, -29.5615, -12.9961

Details

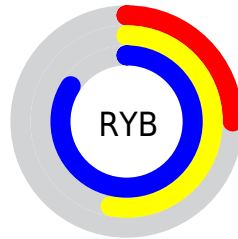
The Hex color **41C8D6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D64F41**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **84FFFF**, and **00929F** is the 20% darker color. If you saturate the color by 10%, you get **2CC6D6**, and if you desaturate by 10%, it is **56CAD6**.

Distribution



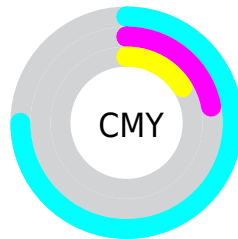
- Red (25%)
- Green (78%)
- Blue (84%)



- Red (25%)
- Yellow (53%)
- Blue (84%)



- Cyan (70%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (75%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41C8D6 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 41C8D6 by changing the saturation by 10% instead.

 41C8D6

 41C8D6

FFFFFF

 07ACBA

 84FFFF

 00929F

 A3FFFF

 007885

 C1FFFF

 005E6C

 E0FFFF

 004654

 002F3C

 001927

 000111

 000000

■ 41C8D6

■ 41C8D6

■ 2CC6D6

■ 56CAD6

■ 16C4D6

■ 6CCCD6

■ 01C2D6

■ 81CED6

■ 00C2D6

■ 97D0D6

■ ACD2D6

■ C1D4D6

■ D7D6D6

■ ECD8D6

■ FFDAD6

Harmonies

Analogous

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



5DC9B5



41C8D6



56C3EF

Triad

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



41C8D6



E0A4D9



CEB575

Complementary

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



41C8D6



D64F41

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.



E9A97F



41C8D6



F59EB9

Square

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



41C8D6



BAAFF0



F7A098



ACBF7D

Rectangle

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



41C8D6



77BEF7



F7A098



D8B176

Sweetspot

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



41C8D6



C9FAFF



41D64D



607D80



000000



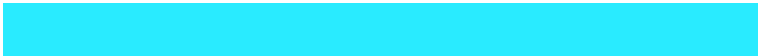
808080

Same Dimension

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



41C8D6



29EBFF



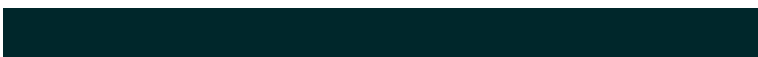
417FD6



606A6B



009BAB



00272B

Inverse Universe

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



D641C8



FF29EB



D69841



6B606A



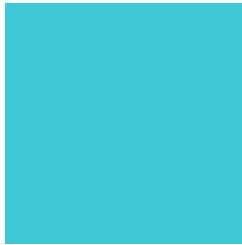
AB009B



2B0027

Previews

White Background



This preview shows how the Hex color 41C8D6 looks on a white background.

Color Contrast Check

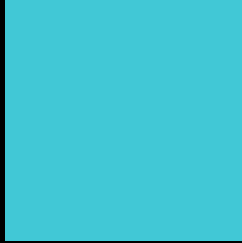
Large Text (above 18pt) WCAG AA × Fail

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 41C8D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

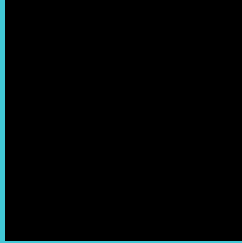
Any Text WCAG AA ✓ Pass

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 41C8D6 Background



This preview shows how black text looks on a background with the Hex color 41C8D6.

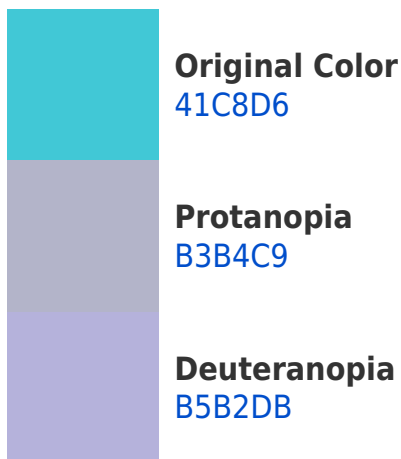


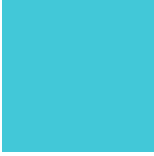
This preview shows how white text looks on a background with the Hex color 41C8D6.

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](#).

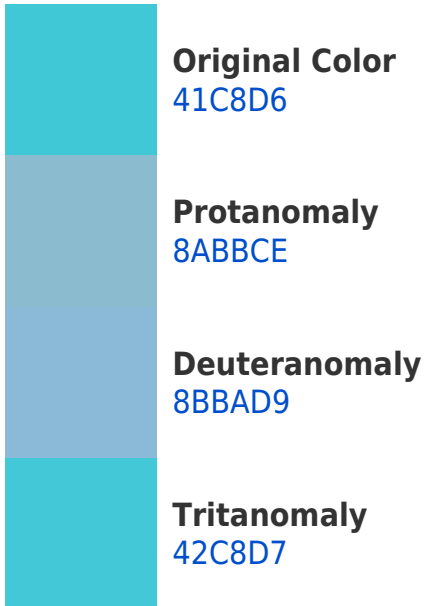
Dichromacy



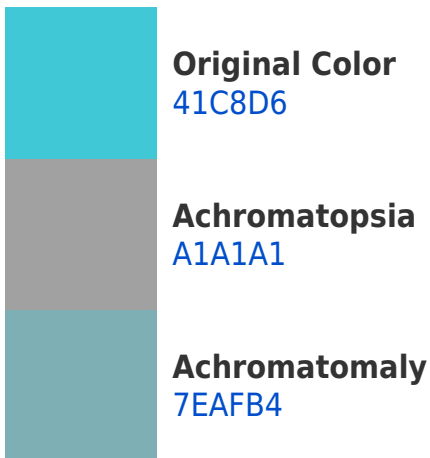


Tritanopia
42C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41C8D6 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 #41C8D6 looks like.

```
.text, #text, p{  
    color:#41C8D6  
}
```

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 #41C8D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41C8D6
}
```

Border

The CSS property to change the border of an element to Hex 41C8D6 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
#41C8D6 }
```

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

```
.border{ border-color:#41C8D6 }
```

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

Here you see how a box with a 4 pixel #41C8D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41C8D6; -webkit-box-shadow:4px 4px  
4px 4px #41C8D6; box-shadow:4px 4px 4px  
4px #41C8D6 }
```

Background

The CSS property to change the background color of an element to Hex 41C8D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41C8D6 }
```

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

```
.background{ background-color:#41C8D6 }
```

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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