

Converting Colors

Hex(42C0C6)

Have a look what the booklet for
Hex(42C0C6) contains.

Hex(42C0C6)	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(42C0C6)

Conversions

Conversions Part 1

Format	Color
Hex	42C0C6
RGB	66, 192, 198
RGB Percent	26%, 75%, 78%
CMY	0.7412, 0.2471, 0.2235
CMYK	0.67, 0.03, 0.00, 0.22
HSL	183°, 54%, 52%
HSV	183°, 67%, 78%
XYZ	31.2894, 42.9347, 60.0642
YIQ	155.0100, -77.0220, -24.8460

Conversions

Conversions Part 2

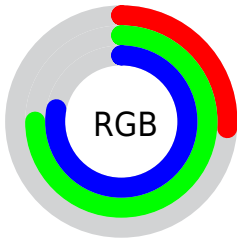
Format	Color
RYB	66, 130, 198
Decimal	4374726
CIELab	71.51, -31.96, -13.15
CIELCh	72, 34.558, 202.360
Yxy	42.9347, 0.2330, 0.3197
Android (android.graphics.Color)	4282564806 (0xFF42C0C6)
YUV	155.0100, 21.1941, -78.0618
Hunter-Lab	65.5246, -29.4304, -8.4819

Details

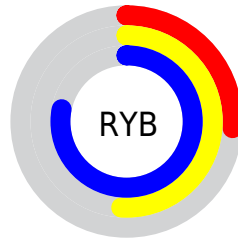
The Hex color **42C0C6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **C64842**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **82F9FF**, and **008A90** is the 20% darker color. If you saturate the color by 10%, you get **2EBFC6**, and if you desaturate by 10%, it is **56C1C6**.

Distribution



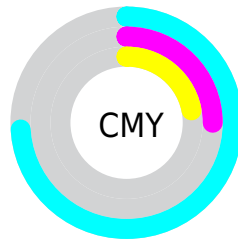
- Red (26%)
- Green (75%)
- Blue (78%)



- Red (26%)
- Yellow (51%)
- Blue (78%)



- Cyan (67%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (74%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42C0C6 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 42C0C6 by changing the saturation by 10% instead.

 42C0C6

 42C0C6

FFFFFF

 13A5AB

 82F9FF

 008A90

 A0FFFF

 007077

 BFFFFFFF

 00575E

 DDFFFF

 003F46

 FBFFFF

 002930

 000C1C

 000000

 42C0C6

 42C0C6

 2EBFC6

 56C1C6


 1ABEC6

 6AC2C6

 07BDC6

 7DC3C6

 00BDC6

 91C4C6

 A5C5C6

 B9C5C6

 CDC6C6

 E0C7C6

 F4C8C6

Harmonies

Analogous

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



62C0A6



42C0C6



4ABCE0

Triad

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



42C0C6



CF9FD6



CCAA71

Complementary

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



42C0C6



C64842

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.



E3A07E



42C0C6



E798B9

Square

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



42C0C6



A8AAE9



ED9899



ACB574

Rectangle

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



42C0C6



66B8EA



ED9899



D5A774

Sweetspot

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



42C0C6



CCFDFF



42C646



617E80



000000



808080

Same Dimension

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



42C0C6



33F6FF



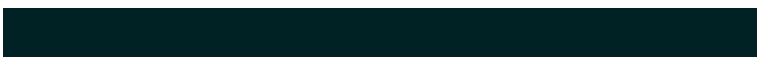
4280C6



5A6363



009CA3



002224

Inverse Universe

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



C642C0



FF33F6



C68842



635A63



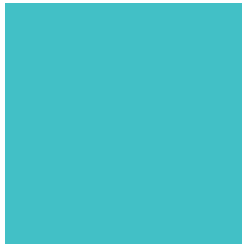
A3009C



240022

Previews

White Background



This preview shows how the Hex color 42C0C6 looks on a white background.

Color Contrast Check

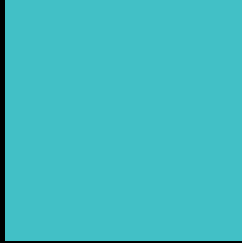
Large Text (above 18pt) WCAG AA × Fail

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 42C0C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

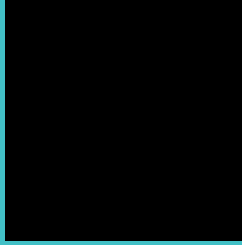
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

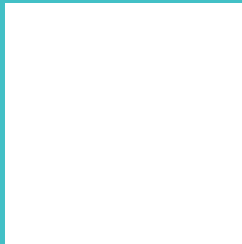
Any Text WCAG AAA ✓ Pass

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

Hex 42C0C6 Background



This preview shows how black text looks on a background with the Hex color 42C0C6.

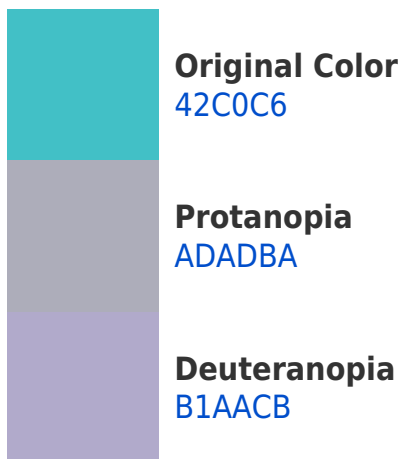


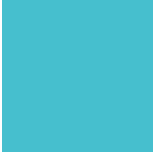
This preview shows how white text looks on a background with the Hex color 42C0C6.

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



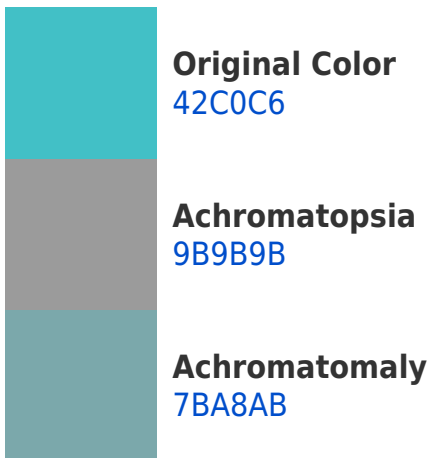


Tritanopia
46BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42C0C6 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 #42C0C6 looks like.

```
.text, #text, p{  
    color:#42C0C6  
}
```

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 #42C0C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42C0C6
}
```

Border

The CSS property to change the border of an element to Hex 42C0C6 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
#42C0C6 }
```

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

```
.border{ border-color:#42C0C6 }
```

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

Here you see how a box with a 4 pixel #42C0C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42C0C6; -webkit-box-shadow:4px 4px  
4px 4px #42C0C6; box-shadow:4px 4px 4px  
4px #42C0C6 }
```

Background

The CSS property to change the background color of an element to Hex 42C0C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42C0C6 }
```

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

```
.background{ background-color:#42C0C6 }
```

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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