

Converting Colors

Hex(42CCB9)

Have a look what the booklet for
Hex(42CCB9) contains.

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Color

Hex(42CCB9)

Conversions

Conversions Part 1

Format	Color
Hex	42CCB9
RGB	66, 204, 185
RGB Percent	26%, 80%, 73%
CMY	0.7412, 0.2000, 0.2745
CMYK	0.68, 0.00, 0.09, 0.20
HSL	172°, 58%, 53%
HSV	172°, 68%, 80%
XYZ	32.5966, 47.8468, 53.4163
YIQ	160.5720, -76.1490, -35.1650

Conversions

Conversions Part 2

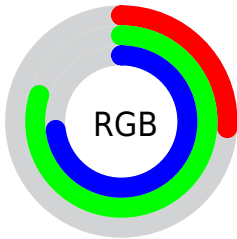
Format	Color
RYB	66, 140, 204
Decimal	4377785
CIELab	74.73, -41.09, -1.31
CIELCh	75, 41.107, 181.825
Yxy	47.8468, 0.2435, 0.3574
Android (android.graphics.Color)	4282567865 (0xFF42CCB9)
YUV	160.5720, 12.0430, -82.9396
Hunter-Lab	69.1714, -36.9328, 2.6344

Details

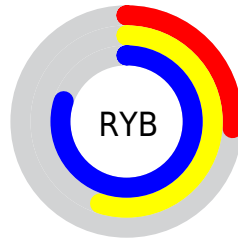
The Hex color **42CCB9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **CC4255**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **83FFF1**, and **009584** is the 20% darker color. If you saturate the color by 10%, you get **2ECCB6**, and if you desaturate by 10%, it is **56CCBC**.

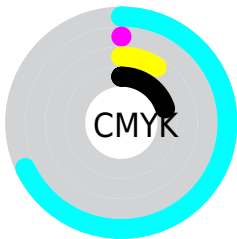
Distribution



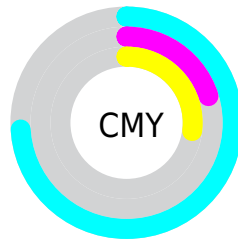
- Red (26%)
- Green (80%)
- Blue (73%)



- Red (26%)
- Yellow (55%)
- Blue (80%)



- Cyan (68%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (74%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42CCB9 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 42CCB9 by changing the saturation by 10% instead.



42CCB9



42CCB9

FFFFFF



11B09E



83FFF1



009584



A1FFFF



007B6B



BFFFFFF



006153



DDFFFF



00483C



FCFFFF



003126



001A12



000000



42CCB9



42CCB9

 2ECCB6

 56CCBC

 19CCB3

 6BCCBF

 05CCB1

 7FCCC1

 00CCB0

 94CCC4

 A8CCC7

 BCCCCA

 D1CCCD

 E5CCCF

 FACCD2

Harmonies

Analogous

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



79C993



42CCB9



00CBDF

Triad

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



42CCB9



BFADF8



EDA976

Complementary

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



42CCB9



CC4255

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.



FF9E92



42CCB9



E9A0DC

Square

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



42CCB9



84BBFF



FF9AB7



CEB66B

Rectangle

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



42CCB9



1EC8F2



FF9AB7



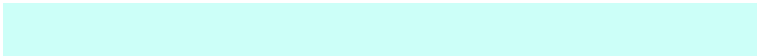
F5A57E

Sweetspot

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



42CCB9



CCFFF8



57CC42



61807B



000000



808080

Same Dimension

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



42CCB9



30FFE3



429CCC



5C6665



00A68F



002621

Inverse Universe

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



CC4255



FF304D



CC7242



665C5D



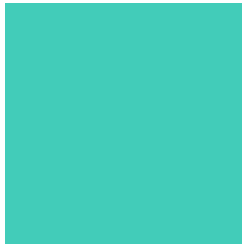
A60017



260005

Previews

White Background



This preview shows how the Hex color 42CCB9 looks on a white background.

Color Contrast Check

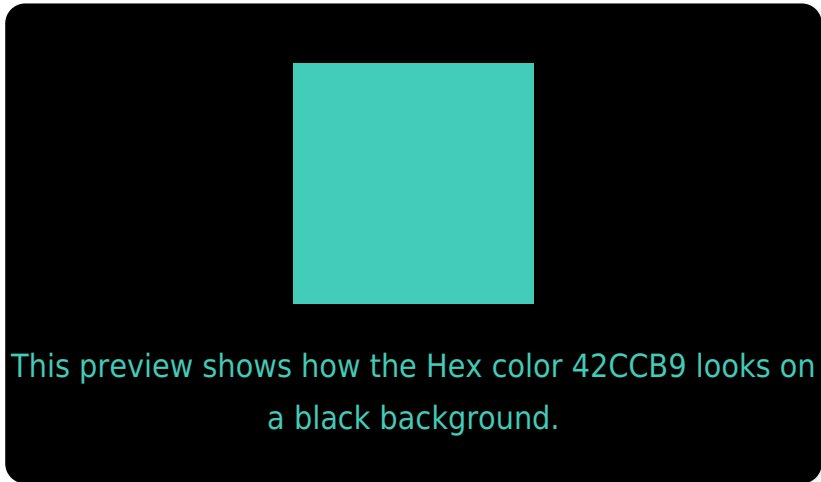
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

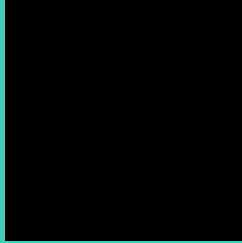
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

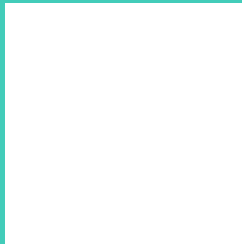
Any Text WCAG AAA ✓ Pass

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

Hex 42CCB9 Background



This preview shows how black text looks on a background with the Hex color 42CCB9.



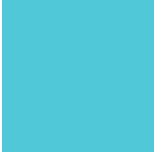
This preview shows how white text looks on a background with the Hex color 42CCB9.

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](#).

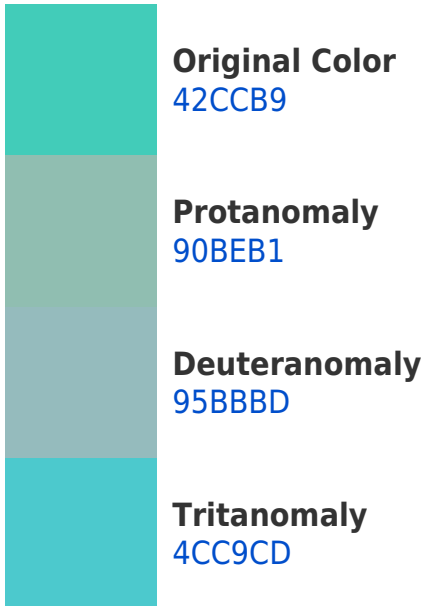
Dichromacy



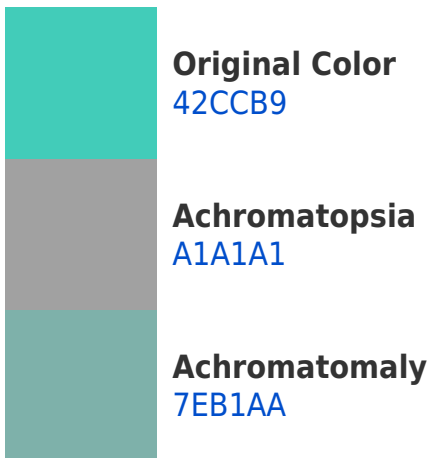


Tritanopia
51C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42CCB9 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 #42CCB9 looks like.

```
.text, #text, p{  
    color:#42CCB9  
}
```

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 #42CCB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42CCB9
}
```

Border

The CSS property to change the border of an element to Hex 42CCB9 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
#42CCB9 }
```

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

```
.border{ border-color:#42CCB9 }
```

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

Here you see how a box with a 4 pixel #42CCB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42CCB9; -webkit-box-shadow:4px 4px  
4px 4px #42CCB9; box-shadow:4px 4px 4px  
4px #42CCB9 }
```

Background

The CSS property to change the background color of an element to Hex 42CCB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42CCB9 }
```

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

```
.background{ background-color:#42CCB9 }
```

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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