

Converting Colors

Hex(42CDBD)

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

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Color

Hex(42CDBD)

Conversions

Conversions Part 1

Format	Color
Hex	42CDBD
RGB	66, 205, 189
RGB Percent	26%, 80%, 74%
CMY	0.7412, 0.1961, 0.2588
CMYK	0.68, 0.00, 0.08, 0.20
HSL	173°, 58%, 53%
HSV	173°, 68%, 80%
XYZ	33.2634, 48.4950, 55.7514
YIQ	161.6150, -77.7080, -34.4440

Conversions

Conversions Part 2

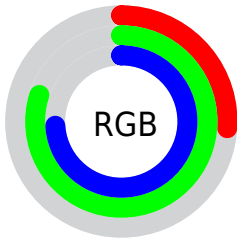
Format	Color
RYB	66, 140, 205
Decimal	4378045
CIELab	75.14, -40.47, -2.87
CIELCh	75, 40.576, 184.059
Yxy	48.4950, 0.2419, 0.3527
Android (android.graphics.Color)	4282568125 (0xFF42CDBD)
YUV	161.6150, 13.5008, -83.8544
Hunter-Lab	69.6384, -36.6050, 1.2802

Details

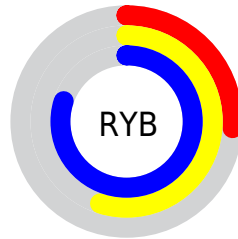
The Hex color **42CDBD** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **CD4252**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **83FFF5**, and **009688** is the 20% darker color. If you saturate the color by 10%, you get **2DCDBB**, and if you desaturate by 10%, it is **56CDBF**.

Distribution



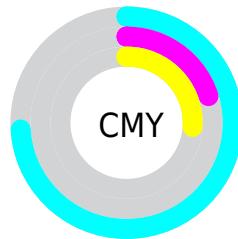
- Red (26%)
- Green (80%)
- Blue (74%)



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



- Cyan (68%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)



- Cyan (74%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 42CDBD

 42CDBD

FFFFFF

 10B1A2

 83FFF5

 009688

 A2FFFF

 007C6F

 C0FFFF

 006256

 DEFFFF

 00493F

 F0FFFF

 003229

 001B15

 000000

 42CDBD

 42CDBD

■ 2DCDBB

■ 56CDBF

■ 19CDB8

■ 6BCDC2

■ 04CDB6

■ 7FCDC4

■ 00CDB5

■ 94CDC6

■ A9CDC9

■ BDCDCB

■ D2CDCE

■ E6CDD0

■ FBCDD2

Harmonies

Analogous

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



77CA97



42CDBD



06CCE2

Triad

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



42CDBD



C4ADF7



ECAB77

Complementary

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



42CDBD



CD4252

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.



FFA091



42CDBD



ECA1DA

Square

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



42CDBD



8BBBFF



FF9CB5



CDB86E

Rectangle

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



42CDBD



2EC8F4



FF9CB5



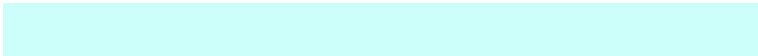
F4A77E

Sweetspot

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



42CDBD



CCFFF9



52CD42



61807C



000000



808080

Same Dimension

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



42CDBD



30FFE7



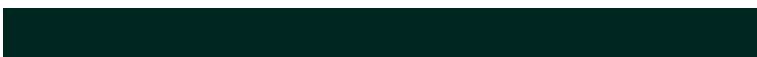
4298CD



5C6665



00A693



002622

Inverse Universe

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



CD4252



FF3048



CD7742



665C5D



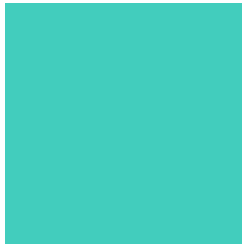
A60013



260004

Previews

White Background



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

Color Contrast Check

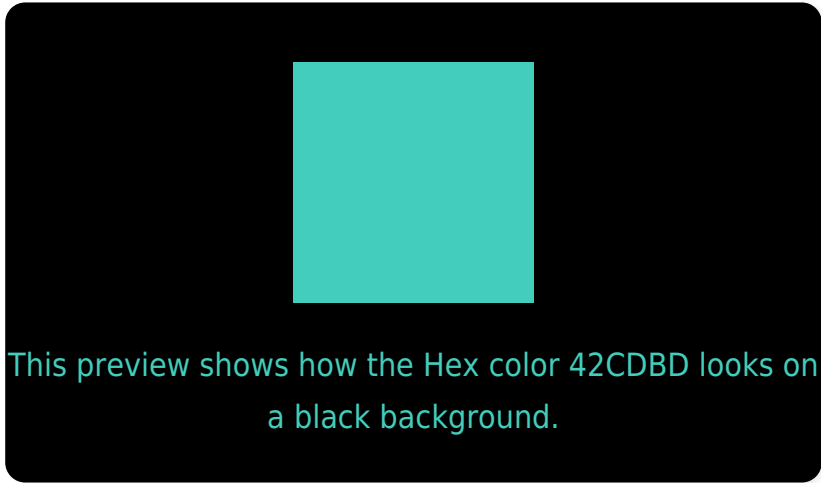
Large Text (above 18pt) WCAG AA × Fail

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

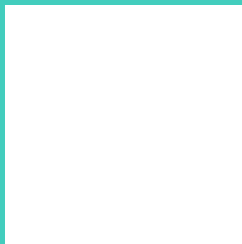
Any Text WCAG AAA ✓ Pass

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

Hex 42CDBD Background



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



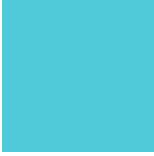
This preview shows how white text looks on a background with the Hex color 42CDBD.

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



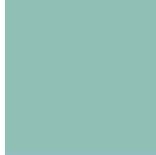


Tritanopia
50C9D9

Trichromacy



Original Color
42CDBD



Protanomaly
90BFB5



Deuteranomaly
95BCC1

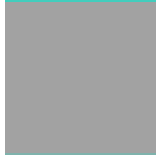


Tritanomaly
4BCACF

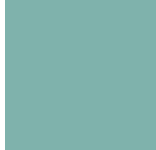
Monochromacy



Original Color
42CDBD



Achromatopsia
A2A2A2



Achromatomaly
7FB2AC

CSS Examples

Text

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

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

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 #42CDBD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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