

Converting Colors

Hex(42BCBD)

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

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Color

Hex(42BCBD)

Conversions

Conversions Part 1

Format	Color
Hex	42BCBD
RGB	66, 188, 189
RGB Percent	26%, 74%, 74%
CMY	0.7412, 0.2627, 0.2588
CMYK	0.65, 0.01, 0.00, 0.26
HSL	180°, 48%, 50%
HSV	180°, 65%, 74%
XYZ	29.4153, 40.7988, 54.4687
YIQ	151.6360, -73.0330, -25.5530

Conversions

Conversions Part 2

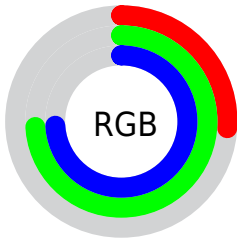
Format	Color
RYB	66, 127, 189
Decimal	4373693
CIELab	70.03, -32.63, -10.43
CIELCh	70, 34.260, 197.726
Yxy	40.7988, 0.2359, 0.3272
Android (android.graphics.Color)	4282563773 (0xFF42BCBD)
YUV	151.6360, 18.4205, -75.1028
Hunter-Lab	63.8739, -29.5764, -5.8480

Details

The Hex color **42BCBD** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD4342**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **81F5F5**, and **008688** is the 20% darker color. If you saturate the color by 10%, you get **2FBCBD**, and if you desaturate by 10%, it is **55BCBD**.

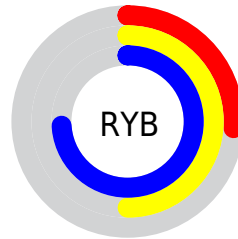
Distribution



Red (26%)

Green (74%)

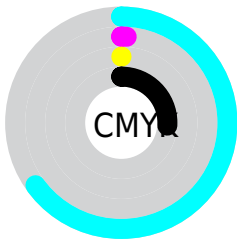
Blue (74%)



Red (26%)

Yellow (50%)

Blue (74%)

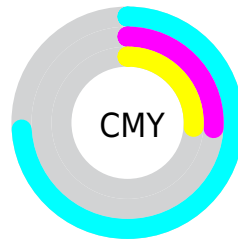


Cyan (65%)

Magenta (1%)

Yellow (0%)

Black (26%)



Cyan (74%)

Magenta (26%)

Yellow (26%)

Brightness & Saturation Gradients

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

 42BCBD

 42BCBD

FFFFFF

 16A1A2

 81F5F5

 008688

 9FFFFFFF

 006C6E

 BFFFFFFF

 005456

 DBFFFF

 003C3F

 F9FFFF

 002629

 000115

 000000

 42BCBD

 42BCBD

2FBCBD

55BCBD

1CBCBD

68BCBD

09BCBD

7BBCBD

00BBBD

8EBDBD

A1BDBD

B3BDBD

C6BDBD

D9BDBD

ECBDBD

Harmonies

Analogous

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



64BB9D



42BCBD



42B9D8

Triad

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



42BCBD



C69DD5



CCA56F

Complementary

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



42BCBD



BD4342

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.



E19B7E



42BCBD



E095B9

Square

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



42BCBD



9DA8E6



E9949A



AEAF6F

Rectangle

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



42BCBD



5CB5E4



E9949A



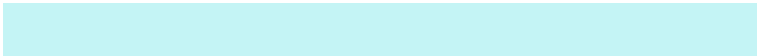
D4A172

Sweetspot

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



42BCBD



C4F4F5



42BD42



5D7A7A



FAFAFA



7A7A7A

Same Dimension

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



42BCBD



36F3F5



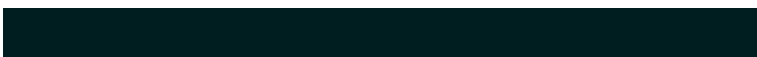
4280BD



555E5E



009D9E



001E1F

Inverse Universe

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



BD42BC



F536F3



BD8042



5E555E



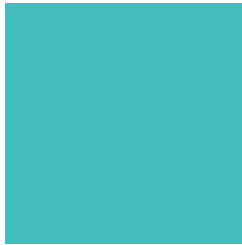
9E009D



1F001E

Previews

White Background



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

Color Contrast Check

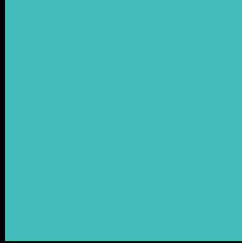
Large Text (above 18pt) WCAG AA × Fail

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 42BCBD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

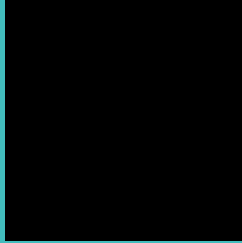
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

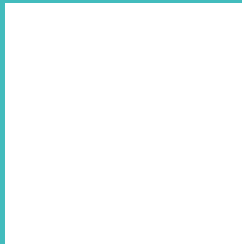
Any Text WCAG AAA ✓ Pass

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

Hex 42BCBD Background



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

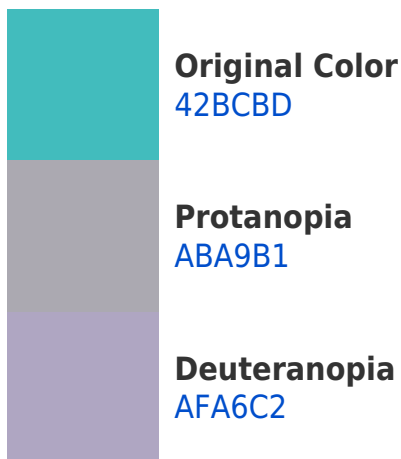


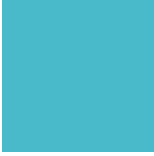
This preview shows how white text looks on a background with the Hex color 42BCBD.

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



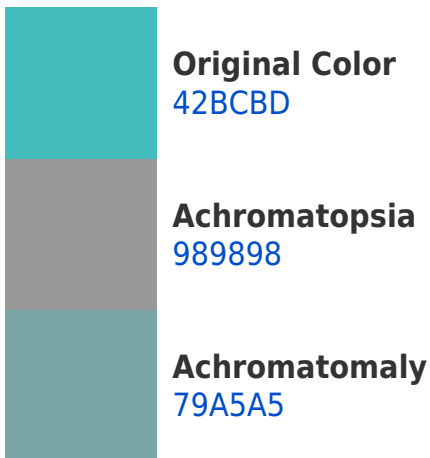


Tritanopia
48BAC9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #42BCBD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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