

Converting Colors

Hex(42BCA2)

Have a look what the booklet for
Hex(42BCA2) contains.

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Color

Hex(42BCA2)

Conversions

Conversions Part 1

Format	Color
Hex	42BCA2
RGB	66, 188, 162
RGB Percent	26%, 74%, 64%
CMY	0.7412, 0.2627, 0.3647
CMYK	0.65, 0.00, 0.14, 0.26
HSL	167°, 48%, 50%
HSV	167°, 65%, 74%
XYZ	26.7516, 39.7333, 40.4418
YIQ	148.5580, -64.3660, -33.9500

Conversions

Conversions Part 2

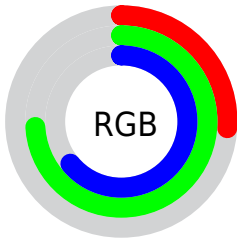
Format	Color
RYB	66, 134, 188
Decimal	4373666
CIELab	69.28, -39.91, 3.27
CIELCh	69, 40.043, 175.319
Yxy	39.7333, 0.2502, 0.3716
Android (android.graphics.Color)	4282563746 (0xFF42BCA2)
YUV	148.5580, 6.6269, -72.4034
Hunter-Lab	63.0344, -34.5554, 6.0846

Details

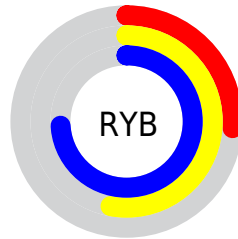
The Hex color **42BCA2** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC425C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7FF5D9**, and **00866E** is the 20% darker color. If you saturate the color by 10%, you get **2FBC9E**, and if you desaturate by 10%, it is **55BCA6**.

Distribution



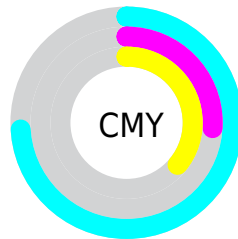
- Red (26%)
- Green (74%)
- Blue (64%)



- Red (26%)
- Yellow (53%)
- Blue (74%)



- Cyan (65%)
- Magenta (0%)
- Yellow (14%)
- Black (26%)



- Cyan (74%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42BCA2 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 42BCA2 by changing the saturation by 10% instead.

 42BCA2

 42BCA2

FFFFFF

 1AA188

 7FF5D9

 00866E

 9DFFF5

 006C56

 BAFFFF

 00533F

 D8FFF5

 003B29

 F6FFF5

 002615

 000000

 42BCA2

 42BCA2

 2FBC9E

 55BCA6

 1CBC9A

 68BCAA

 0ABC96

 7ABCAE

 00BC94

 8DBC B2

 A0BCB6

 B3BCBA

 C6BCBE

 D8BCC2

 EBBCC6

Harmonies

Analogous

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



76B87F



42BCA2



00BCC7

Triad

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



42BCA2



A5A2EB



E1986F

Complementary

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



42BCA2



BC425C

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.



EF8F8C



42BCA2



D195D3

Square

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



42BCA2



68AFF1



EA8DB0



C6A560

Rectangle

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



42BCA2



00B9DC



EA8DB0



E89477

Sweetspot

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



42BCA2



C6F5EB



5CBC42



5E7A74



FAFAFA



7A7A7A

Same Dimension

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



42BCA2



36F5CC



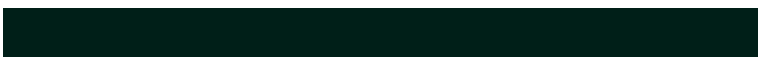
4299BC



555E5C



009E7C



001F18

Inverse Universe

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



BC425C



F5365F



BC6542



5E5557



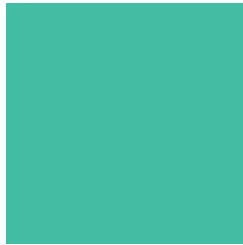
9E0022



1F0007

Previews

White Background



This preview shows how the Hex color 42BCA2 looks on a white background.

Color Contrast Check

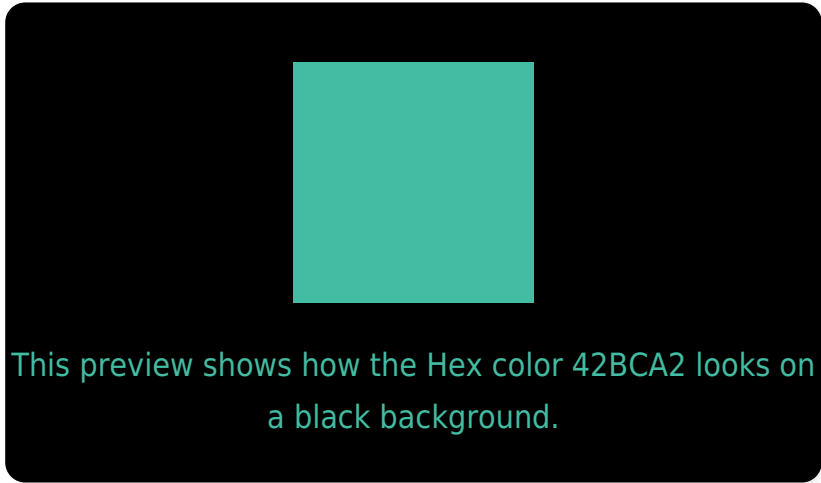
Large Text (above 18pt) WCAG AA × Fail

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

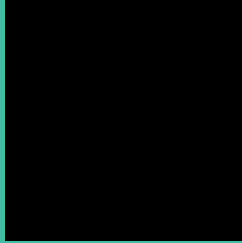
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

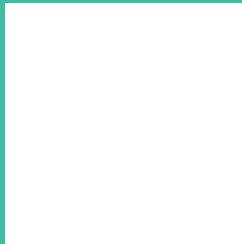
Any Text WCAG AAA ✓ Pass

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

Hex 42BCA2 Background



This preview shows how black text looks on a background with the Hex color 42BCA2.

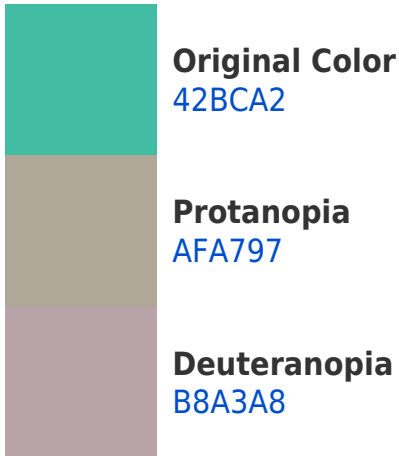


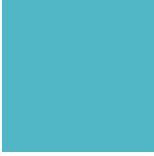
This preview shows how white text looks on a background with the Hex color 42BCA2.

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](#).

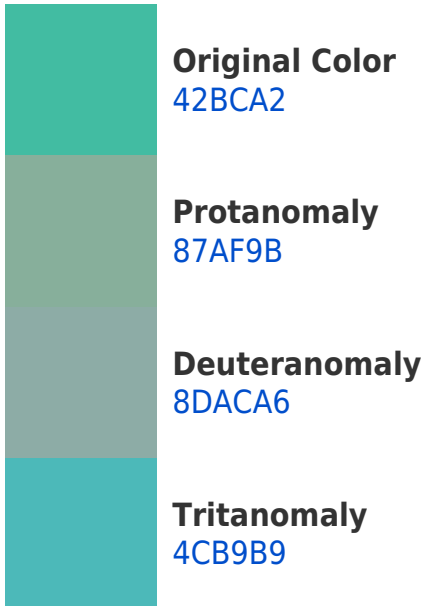
Dichromacy





Tritanopia
51B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42BCA2 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 #42BCA2 looks like.

```
.text, #text, p{  
    color:#42BCA2  
}
```

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 #42BCA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42BCA2
}
```

Border

The CSS property to change the border of an element to Hex 42BCA2 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
#42BCA2 }
```

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

```
.border{ border-color:#42BCA2 }
```

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

Here you see how a box with a 4 pixel #42BCA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42BCA2; -webkit-box-shadow:4px 4px  
4px 4px #42BCA2; box-shadow:4px 4px 4px  
4px #42BCA2 }
```

Background

The CSS property to change the background color of an element to Hex 42BCA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42BCA2 }
```

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

```
.background{ background-color:#42BCA2 }
```

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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