

Converting Colors

Hex(42BDA4)

Have a look what the booklet for
Hex(42BDA4) contains.

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Color

Hex(42BDA4)

Conversions

Conversions Part 1

Format	Color
Hex	42BDA4
RGB	66, 189, 164
RGB Percent	26%, 74%, 64%
CMY	0.7412, 0.2588, 0.3569
CMYK	0.65, 0.00, 0.13, 0.26
HSL	168°, 48%, 50%
HSV	168°, 65%, 74%
XYZ	27.1452, 40.2338, 41.4572
YIQ	149.3730, -65.2830, -33.8510

Conversions

Conversions Part 2

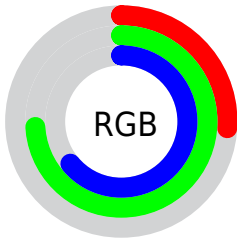
Format	Color
RYB	66, 134, 189
Decimal	4373924
CIELab	69.64, -39.85, 2.69
CIElCh	70, 39.938, 176.139
Yxy	40.2338, 0.2494, 0.3697
Android (android.graphics.Color)	4282564004 (0xFF42BDA4)
YUV	149.3730, 7.2111, -73.1181
Hunter-Lab	63.4301, -34.6128, 5.6498

Details

The Hex color **42BDA4** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BD425B**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **80F6DB**, and **008770** is the 20% darker color. If you saturate the color by 10%, you get **2FBDA0**, and if you desaturate by 10%, it is **55BDA8**.

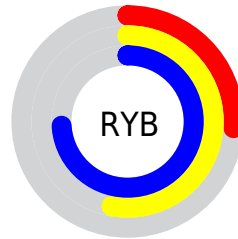
Distribution



Red (26%)

Green (74%)

Blue (64%)



Red (26%)

Yellow (53%)

Blue (74%)

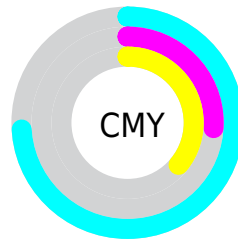


Cyan (65%)

Magenta (0%)

Yellow (13%)

Black (26%)



Cyan (74%)

Magenta (26%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42BDA4 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 42BDA4 by changing the saturation by 10% instead.



42BDA4



42BDA4

FFFFFF



19A28A



80F6DB



008770



9DFFF7



006D58



BBFFFF



005441



D8FFFF



003C2B



F6FFFF



002716



000000



42BDA4



42BDA4



2FBDA0



55BDA8

■ 1CBD9C

■ 68BDAC

■ 09BD98

■ 7BBDB0

■ 00BD97

■ 8EBDB3

■ A1BDB7

■ B3BDBB

■ C6BDBF

■ D9BDC3

■ ECBDC7

Harmonies

Analogous

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



76B980



42BDA4



00BDC9

Triad

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



42BDA4



A7A2EB



E29A6F

Complementary

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



42BDA4



BD425B

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.



F0908C



42BDA4



D396D3

Square

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



42BDA4



6BAFF2



EC8EB0



C6A661

Rectangle

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



42BDA4



00BADD



EC8EB0



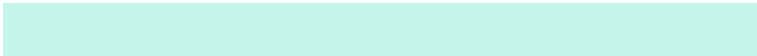
E89677

Sweetspot

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



42BDA4



C4F5EB



5DBD42



5D7A74



FAFAFA



7A7A7A

Same Dimension

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



42BDA4



36F5CE



429ABD



555E5C



009E7E



001F18

Inverse Universe

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



BD425B



F5365D



BD6542



5E5557



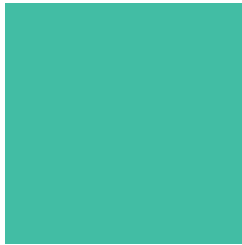
9E0020



1F0006

Previews

White Background



This preview shows how the Hex color 42BDA4 looks on a white background.

Color Contrast Check

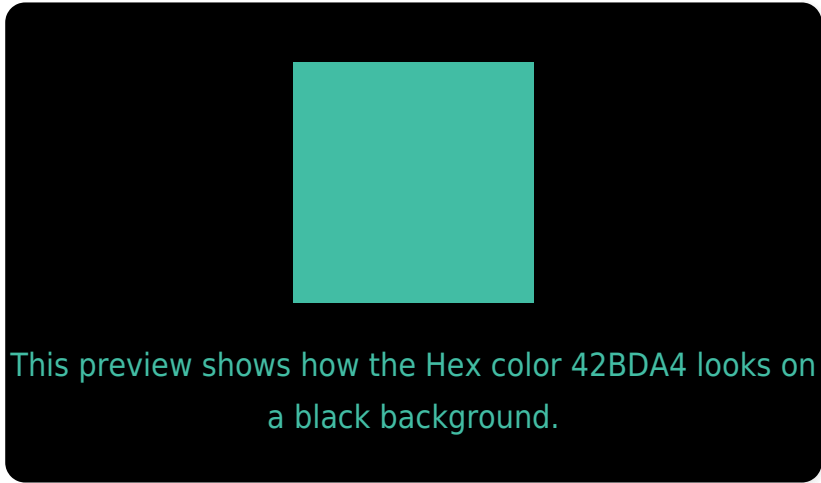
Large Text (above 18pt) WCAG AA × Fail

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

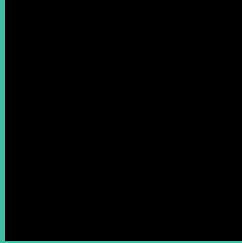
Any Text WCAG AA ✓ Pass

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 42BDA4 Background



This preview shows how black text looks on a background with the Hex color 42BDA4.

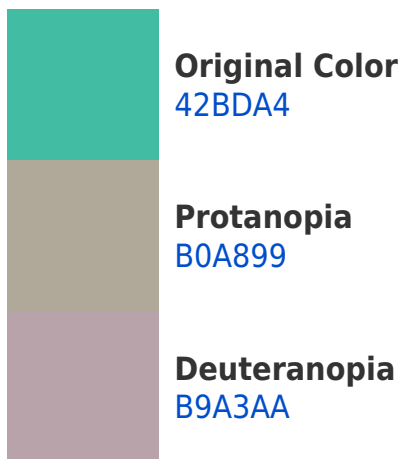


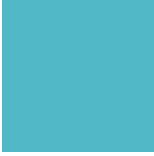
This preview shows how white text looks on a background with the Hex color 42BDA4.

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
51B8C7

Trichromacy



Original Color

42BDA4



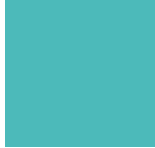
Protanomaly

88B09D



Deuteranomaly

8EACA8



Tritanomaly

4CBABA

Monochromacy



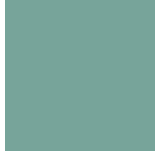
Original Color

42BDA4



Achromatopsia

959595



Achromatomaly

77A49A

CSS Examples

Text

The CSS property to change the color of the text to Hex 42BDA4 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 #42BDA4 looks like.

```
.text, #text, p{  
    color:#42BDA4  
}
```

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 #42BDA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42BDA4
}
```

Border

The CSS property to change the border of an element to Hex 42BDA4 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
#42BDA4 }
```

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

```
.border{ border-color:#42BDA4 }
```

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

Here you see how a box with a 4 pixel #42BDA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42BDA4; -webkit-box-shadow:4px 4px  
4px 4px #42BDA4; box-shadow:4px 4px 4px  
4px #42BDA4 }
```

Background

The CSS property to change the background color of an element to Hex 42BDA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42BDA4 }
```

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

```
.background{ background-color:#42BDA4 }
```

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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