

Converting Colors

Hex(68BDB2)

Have a look what the booklet for
Hex(68BDB2) contains.

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Color

Hex(68BDB2)

Conversions

Conversions Part 1

Format	Color
Hex	68BDB2
RGB	104, 189, 178
RGB Percent	41%, 74%, 70%
CMY	0.5922, 0.2588, 0.3020
CMYK	0.45, 0.00, 0.06, 0.26
HSL	172°, 39%, 57%
HSV	172°, 45%, 74%
XYZ	31.9424, 42.5526, 48.6494
YIQ	162.3310, -47.1290, -21.4410

Conversions

Conversions Part 2

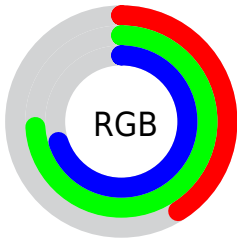
Format	Color
RYB	104, 149, 189
Decimal	6864306
CIELab	71.25, -28.45, -2.47
CIELCh	71, 28.559, 184.955
Yxy	42.5526, 0.2594, 0.3456
Android (android.graphics.Color)	4285054386 (0xFF68BDB2)
YUV	162.3310, 7.7248, -51.1563
Hunter-Lab	65.2324, -26.7503, 1.4450

Details

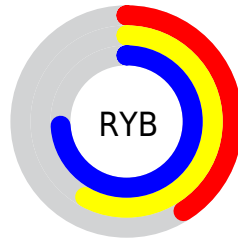
The Hex color **68BDB2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD6873**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A0F6EA**, and **2F877D** is the 20% darker color. If you saturate the color by 10%, you get **55BDB0**, and if you desaturate by 10%, it is **7BBDB4**.

Distribution



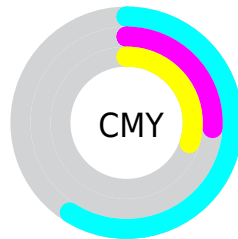
- Red (41%)
- Green (74%)
- Blue (70%)



- Red (41%)
- Yellow (58%)
- Blue (74%)



- Cyan (45%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)



- Cyan (59%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68BDB2 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 68BDB2 by changing the saturation by 10% instead.

 68BDB2

 68BDB2

FFFFFF

 4CA297

 A0F6EA

 2F877D

 BCFFFF

 046E65

 D9FFFF

 00554D

 F7FFFF

 003D36

 002721

 00090A

 000000

 68BDB2

 68BDB2

■ 55BDB0

■ 7BBDB4

■ 42BDAD

■ 8EBDB7

■ 2FBDA8

■ A1BDB9

■ 1CBDA8

■ B4BDBC

■ 09BDA6

■ C7BDBE

■ 00BDA5

■ D9BDC1

■ ECBDC3

■ FFBDC6

■ FFBDC8

Harmonies

Analogous

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



82BB98



68BDB2



5EBCCB

Triad

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



68BDB2



B8A6D9



D4A580

Complementary

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



68BDB2



BD6873

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.



E19E92



68BDB2



D39EC5

Square

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



68BDB2



94AFE2



E29BAB



BDAE7B

Rectangle

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



68BDB2



67B9D8



E29BAB



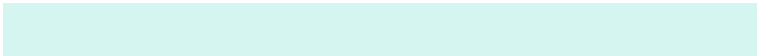
D9A385

Sweetspot

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



68BDB2



D5F5F1



73BD68



677A78



FAFAFA



7A7A7A

Same Dimension

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



68BDB2



71F5E4



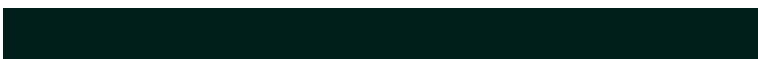
689EBD



555E5D



009E8A



001F1B

Inverse Universe

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



BD6873



F57182



BD8768



5E5556



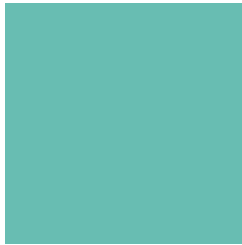
9E0014



1F0004

Previews

White Background



This preview shows how the Hex color 68BDB2 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 68BDB2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

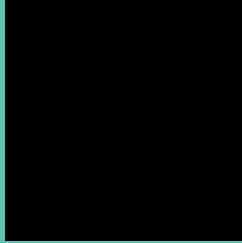
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

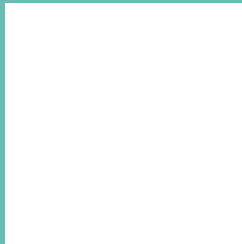
Any Text WCAG AAA ✓ Pass

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

Hex 68BDB2 Background



This preview shows how black text looks on a background with the Hex color 68BDB2.

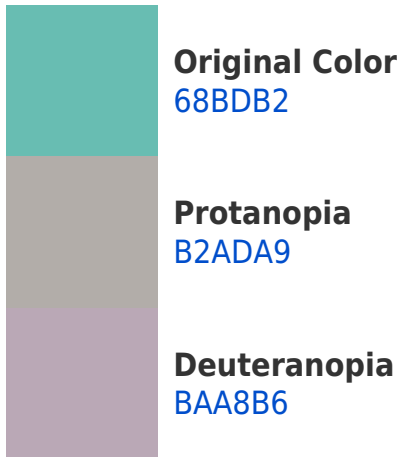


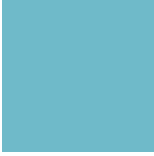
This preview shows how white text looks on a background with the Hex color 68BDB2.

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](#).

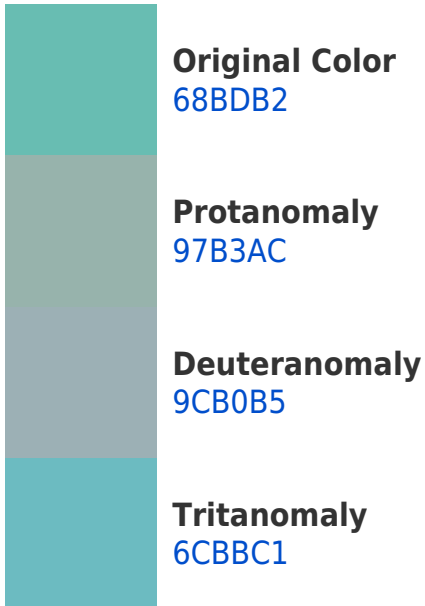
Dichromacy



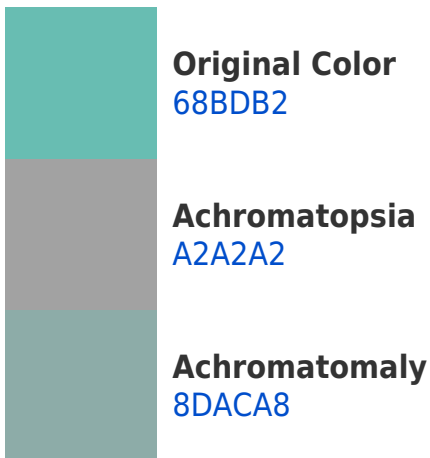


Tritanopia
6FBAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68BDB2 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 #68BDB2 looks like.

```
.text, #text, p{  
    color:#68BDB2  
}
```

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 #68BDB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68BDB2  
}
```

Border

The CSS property to change the border of an element to Hex 68BDB2 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  
#68BDB2 }
```

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

```
.border{ border-color:#68BDB2 }
```

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

Here you see how a box with a 4 pixel #68BDB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68BDB2; -webkit-box-shadow:4px 4px  
4px 4px #68BDB2; box-shadow:4px 4px 4px  
4px #68BDB2 }
```

Background

The CSS property to change the background color of an element to Hex 68BDB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68BDB2 }
```

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

```
.background{ background-color:#68BDB2 }
```

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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