

Converting Colors

Hex(68BEB1)

Have a look what the booklet for
Hex(68BEB1) contains.

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Color

Hex(68BEB1)

Conversions

Conversions Part 1

Format	Color
Hex	68BEB1
RGB	104, 190, 177
RGB Percent	41%, 75%, 69%
CMY	0.5922, 0.2549, 0.3059
CMYK	0.45, 0.00, 0.07, 0.25
HSL	171°, 40%, 58%
HSV	171°, 45%, 75%
XYZ	32.0582, 42.9443, 48.1944
YIQ	162.8040, -47.0830, -22.2750

Conversions

Conversions Part 2

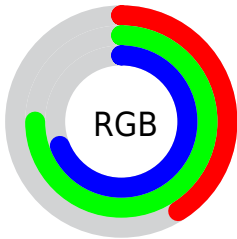
Format	Color
RYB	104, 151, 190
Decimal	6864561
CIELab	71.52, -29.18, -1.53
CIElCh	72, 29.223, 182.998
Yxy	42.9443, 0.2602, 0.3486
Android (android.graphics.Color)	4285054641 (0xFF68BEB1)
YUV	162.8040, 6.9986, -51.5711
Hunter-Lab	65.5319, -27.3587, 2.2684

Details

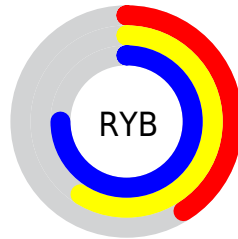
The Hex color **68BEB1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE6875**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A0F7E9**, and **2F887D** is the 20% darker color. If you saturate the color by 10%, you get **55BEAE**, and if you desaturate by 10%, it is **7BBEB4**.

Distribution



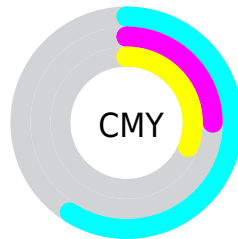
- Red (41%)
- Green (75%)
- Blue (69%)



- Red (41%)
- Yellow (59%)
- Blue (75%)



- Cyan (45%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (59%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68BEB1 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 68BEB1 by changing the saturation by 10% instead.



68BEB1



68BEB1

FFFFFF



4CA396



A0F7E9



2F887D



BCF7FF



046E64



D9FFFF



00564C



F7FFFF



003E35



002820



000B09



000000



68BEB1



68BEB1

■ 55BEAE

■ 7BBEB4

■ 42BEAB

■ 8EBEB7

■ 2FBEA8

■ A1BEBA

■ 1CBEA6

■ B4BEBC

■ 09BEA3

■ C7BEBF

■ 00BEA1

■ DABEC2

■ EDBEC5

■ FFBE C8

■ FFBE CB

Harmonies

Analogous

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



84BC96



68BEB1



5CBDCB

Triad

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



68BEB1



B7A7DC



D6A580

Complementary

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



68BEB1



BE6875

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.



E39E93



68BEB1



D49FC8

Square

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



68BEB1



91B1E4



E39BAD



C0AE7A

Rectangle

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



68BEB1



64BAD9



E39BAD



DCA386

Sweetspot

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



68BEB1



D5F7F2



76BE68



687D7A



FCFCFC



7D7D7D

Same Dimension

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



68BEB1



72F7E3



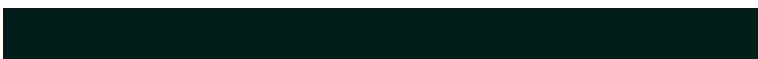
68A1BE



555E5D



009E86



001F1A

Inverse Universe

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



BE6875



F77286



BE8568



5E5556



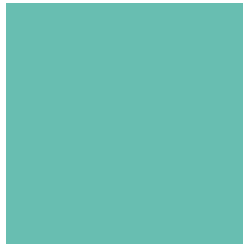
9E0018



1F0005

Previews

White Background



This preview shows how the Hex color 68BEB1 looks on a white background.

Color Contrast Check

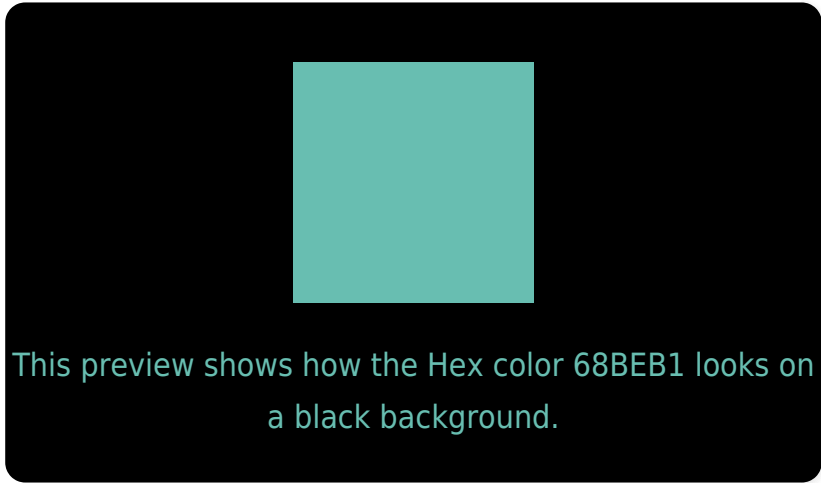
Large Text (above 18pt) WCAG AA × Fail

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

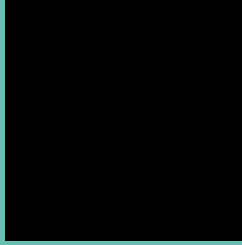
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

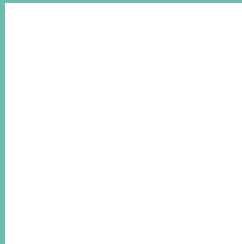
Any Text WCAG AAA ✓ Pass

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

Hex 68BEB1 Background



This preview shows how black text looks on a background with the Hex color 68BEB1.

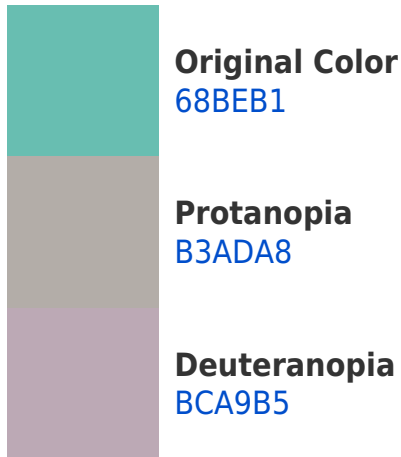


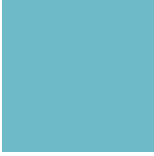
This preview shows how white text looks on a background with the Hex color 68BEB1.

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](#).

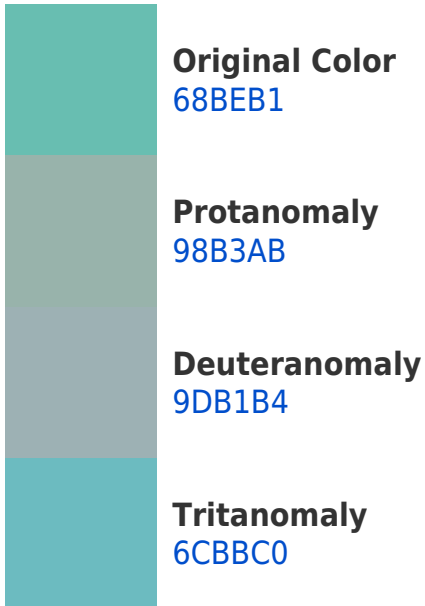
Dichromacy



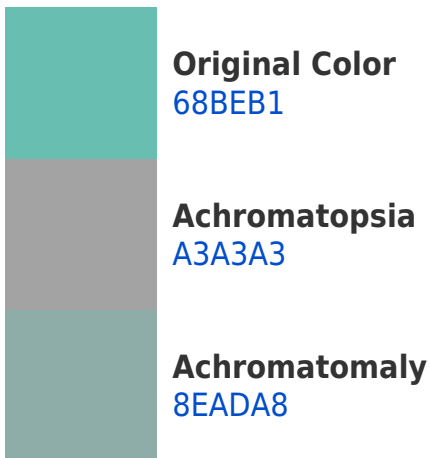


Tritanopia
6FBAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68BEB1 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 #68BEB1 looks like.

```
.text, #text, p{  
    color:#68BEB1  
}
```

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 #68BEB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68BEB1  
}
```

Border

The CSS property to change the border of an element to Hex 68BEB1 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  
#68BEB1 }
```

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

```
.border{ border-color:#68BEB1 }
```

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

Here you see how a box with a 4 pixel #68BEB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68BEB1; -webkit-box-shadow:4px 4px  
4px 4px #68BEB1; box-shadow:4px 4px 4px  
4px #68BEB1 }
```

Background

The CSS property to change the background color of an element to Hex 68BEB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68BEB1 }
```

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

```
.background{ background-color:#68BEB1 }
```

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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