

Converting Colors

Hex(68D3AB)

Have a look what the booklet for
Hex(68D3AB) contains.

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Color

Hex(68D3AB)

Conversions

Conversions Part 1

Format	Color
Hex	68D3AB
RGB	104, 211, 171
RGB Percent	41%, 83%, 67%
CMY	0.5922, 0.1725, 0.3294
CMYK	0.51, 0.00, 0.19, 0.17
HSL	158°, 55%, 62%
HSV	158°, 51%, 83%
XYZ	36.3539, 52.4719, 46.7401
YIQ	174.4470, -50.9320, -35.1240

Conversions

Conversions Part 2

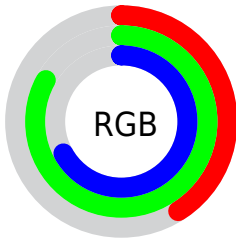
Format	Color
RYB	104, 170, 211
Decimal	6869931
CIELab	77.56, -40.34, 10.44
CIELCh	78, 41.670, 165.487
Yxy	52.4719, 0.2682, 0.3871
Android (android.graphics.Color)	4285060011 (0xFF68D3AB)
YUV	174.4470, -1.6994, -61.7820
Hunter-Lab	72.4375, -37.1826, 12.4495

Details

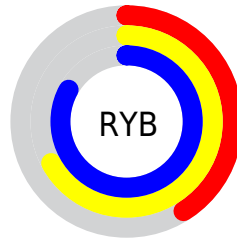
The Hex color **68D3AB** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D36890**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A1FFE2**, and **2A9C77** is the 20% darker color. If you saturate the color by 10%, you get **53D3A3**, and if you desaturate by 10%, it is **7DD3B3**.

Distribution



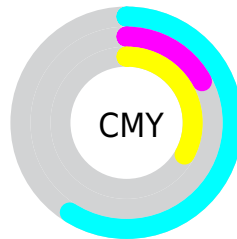
- Red (41%)
- Green (83%)
- Blue (67%)



- Red (41%)
- Yellow (67%)
- Blue (83%)



- Cyan (51%)
- Magenta (0%)
- Yellow (19%)
- Black (17%)



- Cyan (59%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68D3AB 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 68D3AB by changing the saturation by 10% instead.

 68D3AB

 68D3AB

FFFFFF

 4BB790

 A1FFE2

 2A9C77

 BEFFFF

 00815E

 DCFFFF

 006746

 F9FFFF

 004F30

 00371B

 002201

 000000

 68D3AB

 68D3AB

 53D3A3

 7DD3B3

 3ED39B

 92D3BB

 29D393

 A7D3C3

 14D38B

 BCD3CB

 00D384

 D2D3D2

 E7D3DA

 FCD3E2

 FFD3EA

 FFD3F2

Harmonies

Analogous

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



9ACD88



68D3AB



2CD4D3

Triad

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



68D3AB



A8BDFE



FFA87A

Complementary

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



68D3AB



D36890

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.



FFA2AD



68D3AB



DDAEF6

Square

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



68D3AB



65C9FF



FFA4D4



E9B775

Rectangle

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



68D3AB



06D3EB



FFA4D4



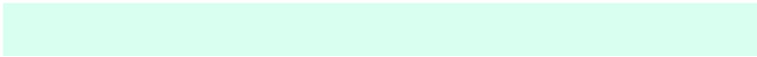
FFA695

Sweetspot

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



68D3AB



D9FFF1



91D368



698077



000000



808080

Same Dimension

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



68D3AB



63FFC5



68C7D3



5E6965



00A869



00291A

Inverse Universe

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



D36890



FF639E



D37468



695E62



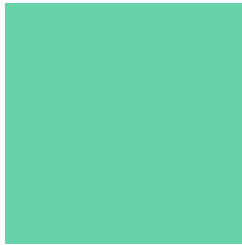
A8003F



29000F

Previews

White Background



This preview shows how the Hex color 68D3AB 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 68D3AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

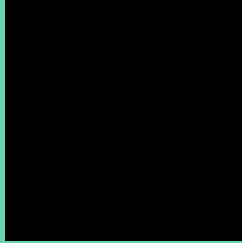
Any Text WCAG AA ✓ Pass

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 68D3AB Background



This preview shows how black text looks on a background with the Hex color 68D3AB.

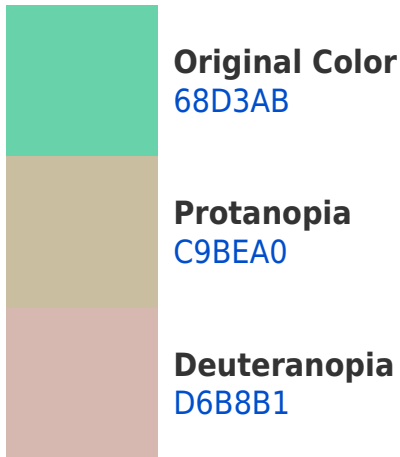


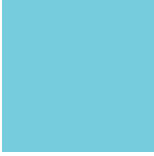
This preview shows how white text looks on a background with the Hex color 68D3AB.

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](#).

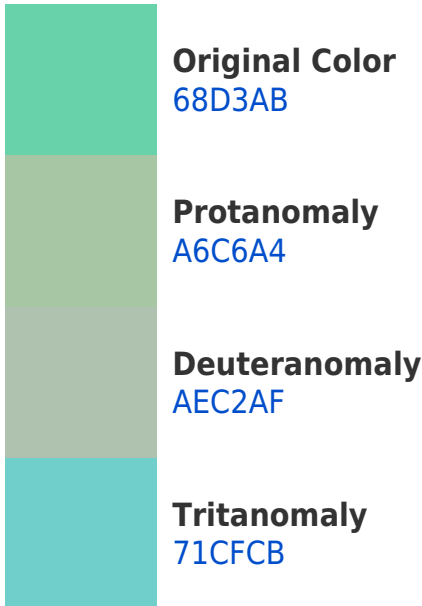
Dichromacy



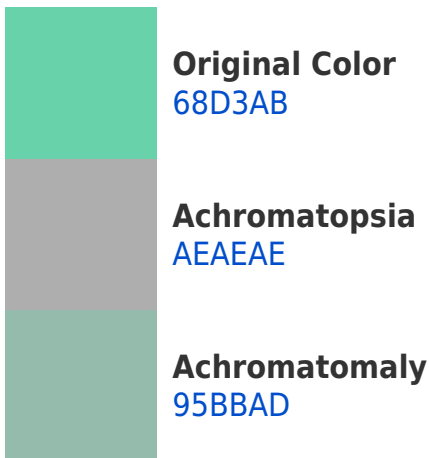


Tritanopia
76CCDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68D3AB 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 #68D3AB looks like.

```
.text, #text, p{  
    color:#68D3AB  
}
```

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 #68D3AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68D3AB
}
```

Border

The CSS property to change the border of an element to Hex 68D3AB 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
#68D3AB }
```

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

```
.border{ border-color:#68D3AB }
```

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

Here you see how a box with a 4 pixel #68D3AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68D3AB; -webkit-box-shadow:4px 4px  
4px 4px #68D3AB; box-shadow:4px 4px 4px  
4px #68D3AB }
```

Background

The CSS property to change the background color of an element to Hex 68D3AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68D3AB }
```

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

```
.background{ background-color:#68D3AB }
```

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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