

Converting Colors

Hex(68D3A1)

Have a look what the booklet for
Hex(68D3A1) contains.

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Color

Hex(68D3A1)

Conversions

Conversions Part 1

Format	Color
Hex	68D3A1
RGB	104, 211, 161
RGB Percent	41%, 83%, 63%
CMY	0.5922, 0.1725, 0.3686
CMYK	0.51, 0.00, 0.24, 0.17
HSL	152°, 55%, 62%
HSV	152°, 51%, 83%
XYZ	35.4362, 52.1048, 41.9078
YIQ	173.3070, -47.7220, -38.2340

Conversions

Conversions Part 2

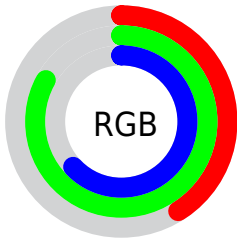
Format	Color
RYB	104, 174, 211
Decimal	6869921
CIELab	77.34, -42.48, 15.46
CIELCh	77, 45.202, 160.006
Yxy	52.1048, 0.2737, 0.4025
Android (android.graphics.Color)	4285060001 (0xFF68D3A1)
YUV	173.3070, -6.0674, -60.7822
Hunter-Lab	72.1837, -38.6926, 16.1065

Details

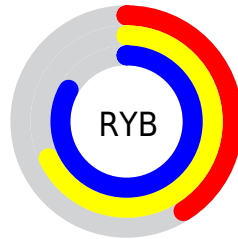
The Hex color **68D3A1** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D3689A**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A1FFD8**, and **2A9C6D** is the 20% darker color. If you saturate the color by 10%, you get **53D397**, and if you desaturate by 10%, it is **7DD3AB**.

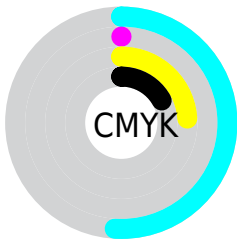
Distribution



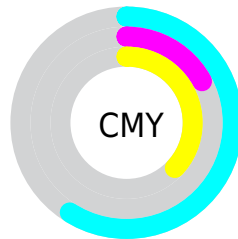
- Red (41%)
- Green (83%)
- Blue (63%)



- Red (41%)
- Yellow (68%)
- Blue (83%)



- Cyan (51%)
- Magenta (0%)
- Yellow (24%)
- Black (17%)



- Cyan (59%)
- Magenta (17%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68D3A1 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 68D3A1 by changing the saturation by 10% instead.



68D3A1



68D3A1

FFFFFF



4BB787



A1FFD8



2A9C6D



BEFFF4



008155



DBFFFF



00673D



F9FFFF



004E27



003612



002100



000000



68D3A1



68D3A1

 53D397

 7DD3AB

 3ED38D

 92D3B5

 29D383

 A7D3BF

 14D37A

 BCD3C8

 00D370

 D2D3D2

 E7D3DC

 FCD3E6

 FFD3F0

 FFD3FA

Harmonies

Analogous

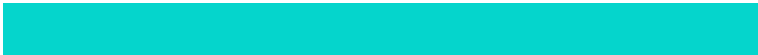
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9ECC7D



68D3A1



05D5CC

Triad

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



68D3A1



97BEFF



FFA58B

Complementary

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



68D3A1



D3689A

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.



FF9EB2



68D3A1



D6AFFF

Square

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



68D3A1



42CBFF



FEA2DD



F1B371

Rectangle

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



68D3A1



00D4E8



FEA2DD



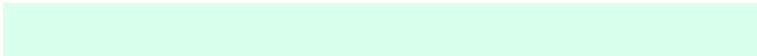
FFA197

Sweetspot

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



68D3A1



D9FFED



9CD368



698075



000000



808080

Same Dimension

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



68D3A1



63FFB6



68D1D3



5E6964



00A85A



002916

Inverse Universe

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



D3689A



FF63AC



D36A68



695E63



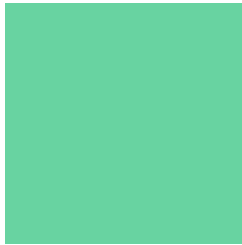
A8004F



290013

Previews

White Background



This preview shows how the Hex color 68D3A1 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 68D3A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

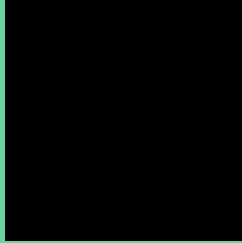
Any Text WCAG AA ✓ Pass

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 68D3A1 Background



This preview shows how black text looks on a background with the Hex color 68D3A1.

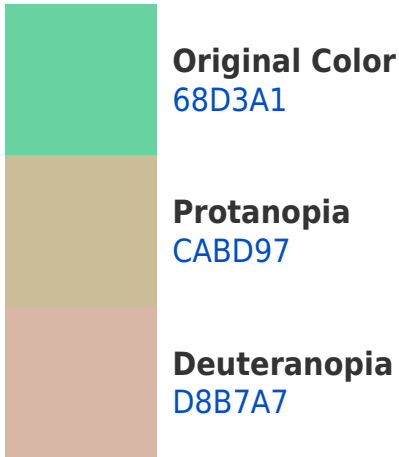


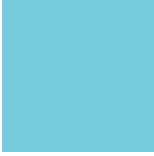
This preview shows how white text looks on a background with the Hex color 68D3A1.

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





Trichromacy



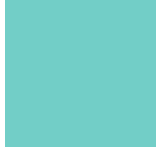
Original Color
68D3A1



Protanomaly
A6C59B



Deuteranomaly
AFC1A5



Tritanomaly
72CEC7

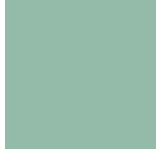
Monochromacy



Original Color
68D3A1



Achromatopsia
ADADAD



Achromatomaly
94BBA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 68D3A1 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 #68D3A1 looks like.

```
.text, #text, p{  
    color:#68D3A1  
}
```

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 #68D3A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68D3A1
}
```

Border

The CSS property to change the border of an element to Hex 68D3A1 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
#68D3A1 }
```

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

```
.border{ border-color:#68D3A1 }
```

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

Here you see how a box with a 4 pixel #68D3A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68D3A1; -webkit-box-shadow:4px 4px  
4px 4px #68D3A1; box-shadow:4px 4px 4px  
4px #68D3A1 }
```

Background

The CSS property to change the background color of an element to Hex 68D3A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68D3A1 }
```

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

```
.background{ background-color:#68D3A1 }
```

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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