

# Converting Colors

Hex(68D8A2)

Have a look what the booklet for  
Hex(68D8A2) contains.

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**Color**

**Hex(68D8A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68D8A2
RGB	104, 216, 162
RGB Percent	41%, 85%, 64%
CMY	0.5922, 0.1529, 0.3647
CMYK	0.52, 0.00, 0.25, 0.15
HSL	151°, 59%, 63%
HSV	151°, 52%, 85%
XYZ	36.7864, 54.6634, 42.7947
YIQ	176.3560, -49.4180, -40.5380

# Conversions

## Conversions Part 2

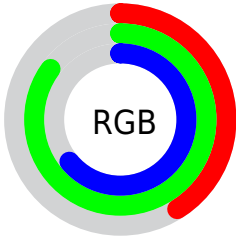
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 178, 216
Decimal	6871202
CIELab	78.85, -44.44, 17.03
CIELCh	79, 47.595, 159.036
Yxy	54.6634, 0.2740, 0.4072
Android (android.graphics.Color)	4285061282 (0xFF68D8A2)
YUV	176.3560, -7.0775, -63.4562
Hunter-Lab	73.9347, -40.5727, 17.4362

# Details

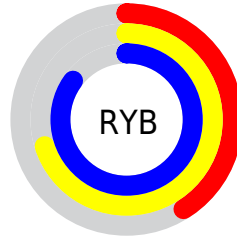
The Hex color **68D8A2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D8689E**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A2FFD9**, and **29A06E** is the 20% darker color. If you saturate the color by 10%, you get **52D898**, and if you desaturate by 10%, it is **7ED8AC**.

# Distribution



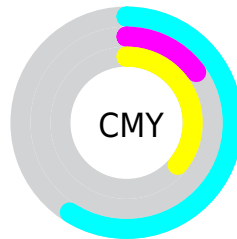
- Red (41%)
- Green (85%)
- Blue (64%)



- Red (41%)
- Yellow (70%)
- Blue (85%)



- Cyan (52%)
- Magenta (0%)
- Yellow (25%)
- Black (15%)



- Cyan (59%)
- Magenta (15%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68D8A2 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 68D8A2 by changing the saturation by 10% instead.



 68D8A2

 68D8A2

FFFFFF

 4ABC88

 A2FFD9

 29A06E

 BFFFF5

 008656

 DCFFFF

 006C3E

 FAFFFF

 005228

 003A13

 002500

 000000

 68D8A2

 68D8A2

 52D898

 7ED8AC

 3DD88D

 93D8B7

 27D883

 A9D8C1

 12D878

 BED8CC

 00D870

 D4D8D6

 EAD8E0

 FFD8EB

 FFD8F5

 FFD8FF

# Harmonies

## Analogous

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



A2D17C



68D8A2



00DAD0

# Triad

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



68D8A2



96C3FF



FFA78E

# Complementary

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



68D8A2



D8689E

# 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.



FF9FB7



68D8A2



D9B3FF

# Square

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



68D8A2



31D0FF



FFA4E4



F9B671

# Rectangle

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



68D8A2



00D9ED



FFA4E4



FFA39B

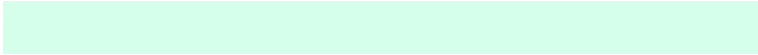


# Sweetspot

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



68D8A2



D6FFEB



9ED868



678074



000000



808080



# Same Dimension

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



68D8A2



61FFB3



68D6D8



606B66



00AB58



002B16



# Inverse Universe

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



D8689E



FF61AD



D86A68



6B6066



AB0052

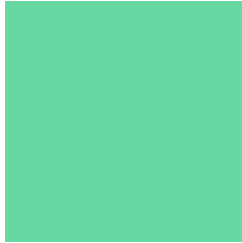


2B0015



# Previews

## White Background



This preview shows how the Hex color 68D8A2 looks on a white background.

## Color Contrast Check

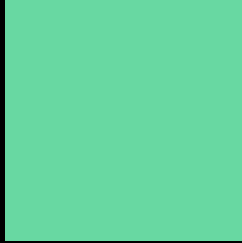
Large Text (above 18pt) WCAG AA × Fail

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 68D8A2 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 68D8A2 Background



This preview shows how black text looks on a background with the Hex color 68D8A2.

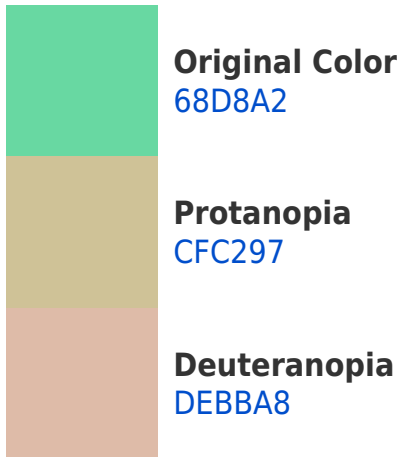


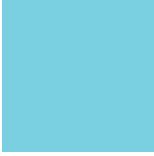
This preview shows how white text looks on a background with the Hex color 68D8A2.

# 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**  
7AD0E1

# Trichromacy



**Original Color**  
68D8A2



**Protanomaly**  
AACA9B



**Deuteranomaly**  
B3C6A6



**Tritanomaly**  
73D3CA

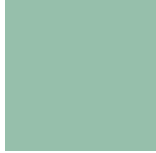
# Monochromacy



**Original Color**  
68D8A2



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
96BFAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68D8A2 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 #68D8A2 looks like.

```
.text, #text, p{  
    color:#68D8A2  
}
```

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 #68D8A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68D8A2
}
```

## Border

The CSS property to change the border of an element to Hex 68D8A2 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
#68D8A2 }
```

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

```
.border{ border-color:#68D8A2 }
```

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

Here you see how a box with a 4 pixel #68D8A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68D8A2; -webkit-box-shadow:4px 4px  
4px 4px #68D8A2; box-shadow:4px 4px 4px  
4px #68D8A2 }
```

# Background

The CSS property to change the background color of an element to Hex 68D8A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68D8A2 }
```

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

```
.background{ background-color:#68D8A2 }
```

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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