

# Converting Colors

Hex(69D8AC)

Have a look what the booklet for  
Hex(69D8AC) contains.

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**Color**

**Hex(69D8AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69D8AC
RGB	105, 216, 172
RGB Percent	41%, 85%, 67%
CMY	0.5882, 0.1529, 0.3255
CMYK	0.51, 0.00, 0.20, 0.15
HSL	156°, 59%, 63%
HSV	156°, 51%, 85%
XYZ	37.8280, 55.0935, 47.6701
YIQ	177.7950, -52.0320, -37.2160

# Conversions

## Conversions Part 2

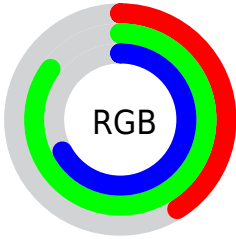
Format	Color
<a href="#">RYB</a>	<a href="#">105, 174, 216</a>
Decimal	<a href="#">6936748</a>
CIELab	<a href="#">79.10, -42.11, 12.09</a>
CIELCh	<a href="#">79, 43.809, 163.978</a>
Yxy	<a href="#">55.0935, 0.2691, 0.3919</a>
Android (android.graphics.Color)	<a href="#">4285126828 (0xFF69D8AC)</a>
YUV	<a href="#">177.7950, -2.8569, -63.8412</a>
Hunter-Lab	<a href="#">74.2250, -38.9233, 13.8793</a>

# Details

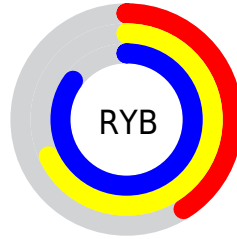
The Hex color **69D8AC** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D86995**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A3FFE3**, and **2AA078** is the 20% darker color. If you saturate the color by 10%, you get **53D8A3**, and if you desaturate by 10%, it is **7FD8B5**.

# Distribution



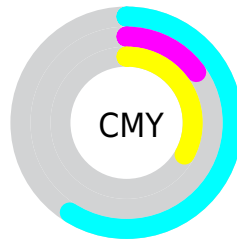
- Red (41%)
- Green (85%)
- Blue (67%)



- Red (41%)
- Yellow (68%)
- Blue (85%)



- Cyan (51%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)



- Cyan (59%)
- Magenta (15%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69D8AC 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 69D8AC by changing the saturation by 10% instead.



 69D8AC

 69D8AC


FFFFFF

 4BBC91

 A3FFE3

 2AA078

 C0FFFF

 00865F

 DDFFFF

 006C47

 FBFFFF

 005331

 003A1B

 002602

 000000

 69D8AC

 69D8AC

 53D8A3

 7FD8B5

 3ED89B

 94D8BD

 28D892

 AAD8C6

 13D88A

 BFD8CE

 00D882

 D5D8D7

 EBD8DF

 FFD8E8

 FFD8F0

 FFD8F9

# Harmonies

## Analogous

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



9ED288



69D8AC



20DAD6

# Triad

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



69D8AC



A7C1FF



FFAC8D

# Complementary

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



69D8AC



D86995

# 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.



FFA4B2



69D8AC



E1B2FF

# Square

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



69D8AC



5DCEFF



FFA7DB



F1BA76

# Rectangle

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



69D8AC



00D8F0



FFA7DB



FFA998

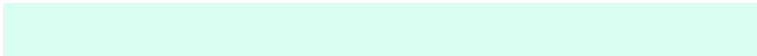


# Sweetspot

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



69D8AC



D9FFF0



95D869



698076



000000



808080



# Same Dimension

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



69D8AC



61FFC0



69CDD8



606B67



00AB67



002B1A



# Inverse Universe

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



D86995



FF61A0



D87469



6B6065



AB0044

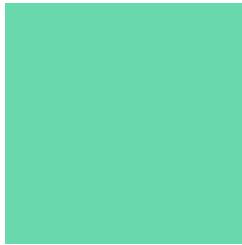


2B0011



# Previews

## White Background



This preview shows how the Hex color 69D8AC looks on a white background.

## Color Contrast Check

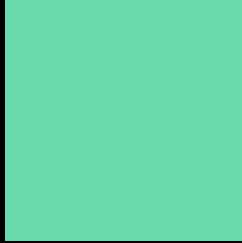
Large Text (above 18pt) WCAG AA × Fail

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 69D8AC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

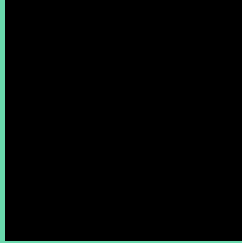
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

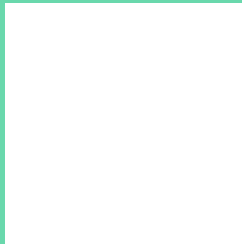
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 69D8AC Background



This preview shows how black text looks on a background with the Hex color 69D8AC.

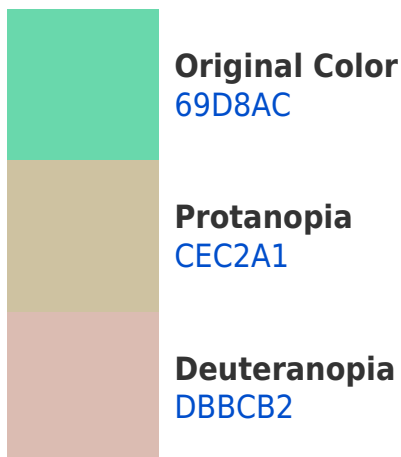


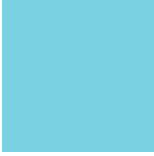
This preview shows how white text looks on a background with the Hex color 69D8AC.

# 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**  
79D1E2

# Trichromacy



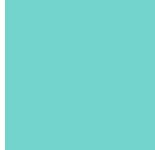
**Original Color**  
69D8AC



**Protanomaly**  
A9CAA5



**Deuteranomaly**  
B2C6B0

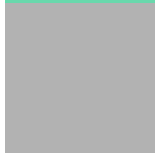


**Tritanomaly**  
73D4CE

# Monochromacy



**Original Color**  
69D8AC



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
97C0B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69D8AC 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 #69D8AC looks like.

```
.text, #text, p{  
    color:#69D8AC  
}
```

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 #69D8AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69D8AC
}
```

## Border

The CSS property to change the border of an element to Hex 69D8AC 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
#69D8AC }
```

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

```
.border{ border-color:#69D8AC }
```

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

Here you see how a box with a 4 pixel #69D8AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69D8AC; -webkit-box-shadow:4px 4px  
4px 4px #69D8AC; box-shadow:4px 4px 4px  
4px #69D8AC }
```

# Background

The CSS property to change the background color of an element to Hex 69D8AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69D8AC }
```

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

```
.background{ background-color:#69D8AC }
```

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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