

Converting Colors

Hex(69D8B1)

Have a look what the booklet for
Hex(69D8B1) contains.

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Color

Hex(69D8B1)

Conversions

Conversions Part 1

Format	Color
Hex	69D8B1
RGB	105, 216, 177
RGB Percent	41%, 85%, 69%
CMY	0.5882, 0.1529, 0.3059
CMYK	0.51, 0.00, 0.18, 0.15
HSL	159°, 59%, 63%
HSV	159°, 51%, 85%
XYZ	38.3174, 55.2893, 50.2473
YIQ	178.3650, -53.6370, -35.6610

Conversions

Conversions Part 2

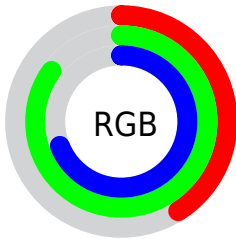
Format	Color
RYB	105, 172, 216
Decimal	6936753
CIELab	79.21, -41.01, 9.60
CIELCh	79, 42.120, 166.830
Yxy	55.2893, 0.2664, 0.3843
Android (android.graphics.Color)	4285126833 (0xFF69D8B1)
YUV	178.3650, -0.6729, -64.3411
Hunter-Lab	74.3568, -38.1401, 11.9839

Details

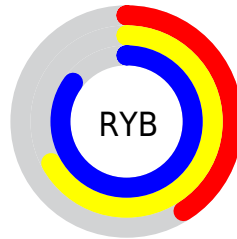
The Hex color **69D8B1** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D86990**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A3FFE9**, and **2AA07C** is the 20% darker color. If you saturate the color by 10%, you get **53D8A9**, and if you desaturate by 10%, it is **7FD8B9**.

Distribution



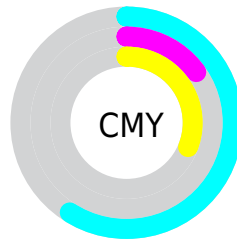
- Red (41%)
- Green (85%)
- Blue (69%)



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



- Cyan (51%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (59%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69D8B1 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 69D8B1 by changing the saturation by 10% instead.

 69D8B1

 69D8B1

FFFFFF

 4BBC96

 A3FFE9

 2AA07C

 C0FFFF

 008663

 DDFFFF

 006C4C

 FBFFFF

 005335

 003B20

 002608

 000000

 69D8B1

 69D8B1

 53D8A9

 7FD8B9

 3ED8A2

 94D8C0

 28D89A

 AAD8C8

 13D893

 BFD8CF

 00D88C

 D5D8D7

 EBD8DF

 FFD8E6

 FFD8EE

 FFD8F5

Harmonies

Analogous

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



9CD38D



69D8B1



2DD9DA

Triad

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



69D8B1



AFC0FF



FFAF8D

Complementary

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



69D8B1



D86990

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.



FFA6AF



69D8B1



E4B2FA

Square

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



69D8B1



6CCDFE



FFA8D7



EDBC78

Rectangle

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



69D8B1



11D7F2



FFA8D7



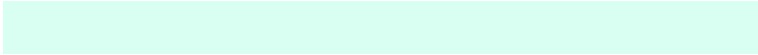
FFAB97

Sweetspot

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



69D8B1



D9FFF2



92D869



698077



000000



808080

Same Dimension

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



69D8B1



61FFC7



69C9D8



606B67



00AB6F



002B1C

Inverse Universe

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



D86990



FF6198



D87869



6B6064



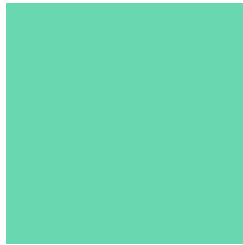
AB003C



2B000F

Previews

White Background



This preview shows how the Hex color 69D8B1 looks on a white background.

Color Contrast Check

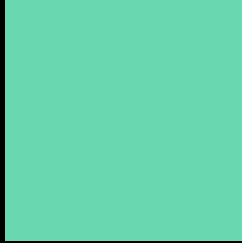
Large Text (above 18pt) WCAG AA × Fail

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 69D8B1 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 69D8B1 Background



This preview shows how black text looks on a background with the Hex color 69D8B1.

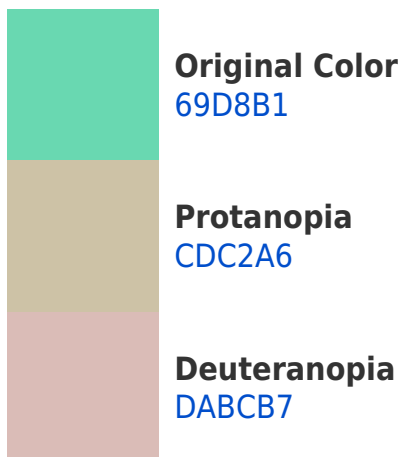


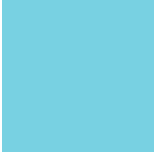
This preview shows how white text looks on a background with the Hex color 69D8B1.

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
78D1E2

Trichromacy



Original Color
69D8B1



Protanomaly
A9CAAA



Deuteranomaly
B1C6B5

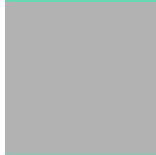


Tritanomaly
73D4D0

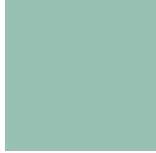
Monochromacy



Original Color
69D8B1



Achromatopsia
B2B2B2



Achromatomaly
97C0B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 69D8B1 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 #69D8B1 looks like.

```
.text, #text, p{  
    color:#69D8B1  
}
```

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 #69D8B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69D8B1  
}
```

Border

The CSS property to change the border of an element to Hex 69D8B1 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  
#69D8B1 }
```

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

```
.border{ border-color:#69D8B1 }
```

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

Here you see how a box with a 4 pixel #69D8B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69D8B1; -webkit-box-shadow:4px 4px  
4px 4px #69D8B1; box-shadow:4px 4px 4px  
4px #69D8B1 }
```

Background

The CSS property to change the background color of an element to Hex 69D8B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69D8B1 }
```

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

```
.background{ background-color:#69D8B1 }
```

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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