

Converting Colors

Hex(69D2CB)

Have a look what the booklet for
Hex(69D2CB) contains.

Hex(69D2CB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(69D2CB)

Conversions

Conversions Part 1

Format	Color
Hex	69D2CB
RGB	105, 210, 203
RGB Percent	41%, 82%, 80%
CMY	0.5882, 0.1765, 0.2039
CMYK	0.50, 0.00, 0.03, 0.18
HSL	176°, 54%, 62%
HSV	176°, 50%, 82%
XYZ	39.6518, 53.4082, 64.7189
YIQ	177.8070, -60.3330, -24.4370

Conversions

Conversions Part 2

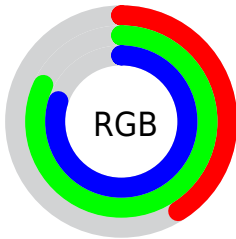
Format	Color
RYB	105, 159, 210
Decimal	6935243
CIELab	78.12, -32.07, -5.89
CIElCh	78, 32.603, 190.410
Yxy	53.4082, 0.2513, 0.3385
Android (android.graphics.Color)	4285125323 (0xFF69D2CB)
YUV	177.8070, 12.4201, -63.8517
Hunter-Lab	73.0809, -31.0423, -1.3493

Details

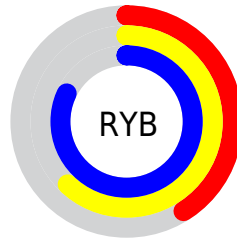
The Hex color **69D2CB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D26970**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A3FFFF**, and **299B95** is the 20% darker color. If you saturate the color by 10%, you get **54D2CA**, and if you desaturate by 10%, it is **7ED2CC**.

Distribution



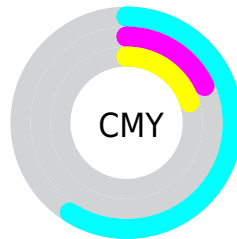
- Red (41%)
- Green (82%)
- Blue (80%)



- Red (41%)
- Yellow (62%)
- Blue (82%)



- Cyan (50%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (59%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69D2CB 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 69D2CB by changing the saturation by 10% instead.

 69D2CB

 69D2CB

FFFFFF

 4BB6B0

 A3FFFF

 299B95

 C0FFFF

 00817B


 DEFFFF

 006762

 FCFFFF

 004E4B

 003734

 00231F

 000006

 000000

 69D2CB

 69D2CB

 54D2CA

 7ED2CC

 3FD2C8

 93D2CE

 2AD2C7

 A8D2CF

 15D2C5

 BDD2D1

 00D2C4

 D2D2D2

 E7D2D3

 FCD2D5

 FFD2D6

 FFD2D8

Harmonies

Analogous

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



87D0AC



69D2CB



62D0E7

Triad

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



69D2CB



D3B6EF



E8B889

Complementary

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



69D2CB



D26970

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.



FAAF9B



69D2CB



F0ADD6

Square

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



69D2CB



A9C0FC



FDABB8



CCC385

Rectangle

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



69D2CB



71CCF5



FDABB8



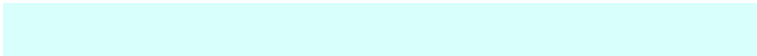
EFB58D

Sweetspot

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



69D2CB



D9FFFC



70D269



69807E



000000



808080

Same Dimension

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



69D2CB



66FFF5



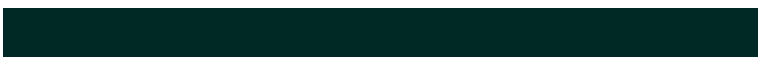
69A5D2



5E6968



00A89D



002926

Inverse Universe

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



D26970



FF6670



D29769



695E5F



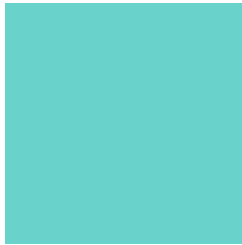
A8000B



290003

Previews

White Background



This preview shows how the Hex color 69D2CB looks on a white background.

Color Contrast Check

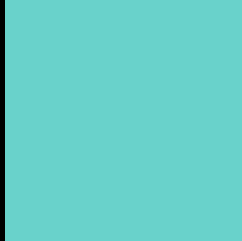
Large Text (above 18pt) WCAG AA × Fail

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 69D2CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

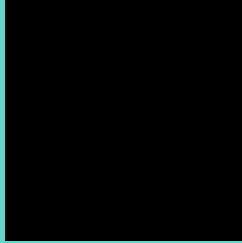
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

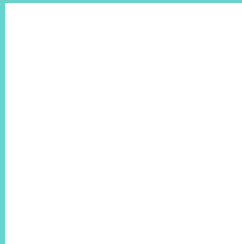
Any Text WCAG AAA ✓ Pass

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

Hex 69D2CB Background



This preview shows how black text looks on a background with the Hex color 69D2CB.

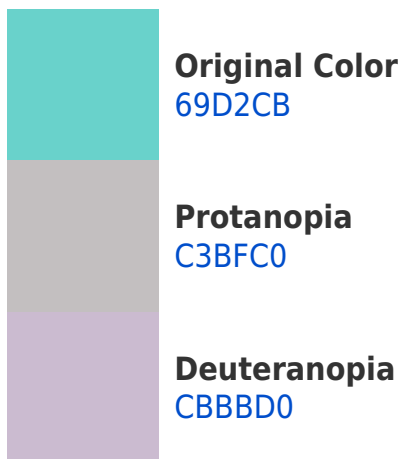


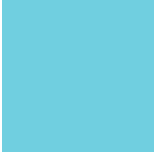
This preview shows how white text looks on a background with the Hex color 69D2CB.

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](#).

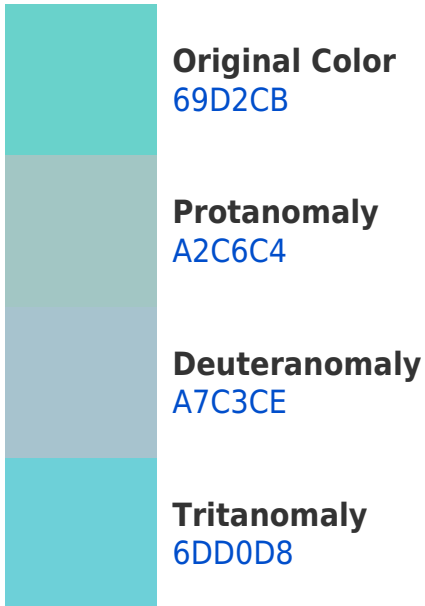
Dichromacy



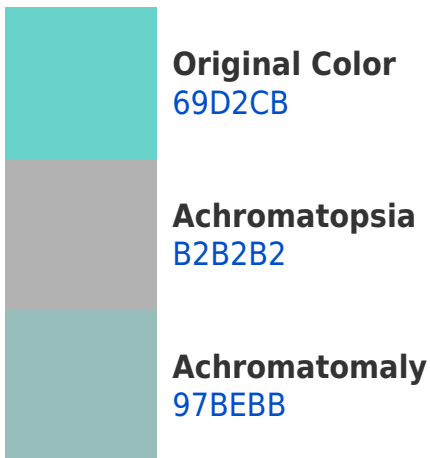


Tritanopia
70CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 69D2CB 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 #69D2CB looks like.

```
.text, #text, p{  
    color:#69D2CB  
}
```

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 #69D2CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69D2CB  
}
```

Border

The CSS property to change the border of an element to Hex 69D2CB 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  
#69D2CB }
```

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

```
.border{ border-color:#69D2CB }
```

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

Here you see how a box with a 4 pixel #69D2CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69D2CB; -webkit-box-shadow:4px 4px  
4px 4px #69D2CB; box-shadow:4px 4px 4px  
4px #69D2CB }
```

Background

The CSS property to change the background color of an element to Hex 69D2CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69D2CB }
```

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

```
.background{ background-color:#69D2CB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor