

Converting Colors

Hex(68D9C4)

Have a look what the booklet for
Hex(68D9C4) contains.

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Color

Hex(68D9C4)

Conversions

Conversions Part 1

Format	Color
Hex	68D9C4
RGB	104, 217, 196
RGB Percent	41%, 85%, 77%
CMY	0.5922, 0.1490, 0.2314
CMYK	0.52, 0.00, 0.10, 0.15
HSL	169°, 60%, 63%
HSV	169°, 52%, 85%
XYZ	40.4856, 56.5543, 61.0068
YIQ	180.8190, -60.6070, -30.4870

Conversions

Conversions Part 2

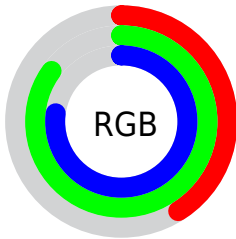
Format	Color
RYB	104, 166, 217
Decimal	6871492
CIELab	79.93, -37.28, 0.51
CIElCh	80, 37.283, 179.212
Yxy	56.5543, 0.2562, 0.3578
Android (android.graphics.Color)	4285061572 (0xFF68D9C4)
YUV	180.8190, 7.4842, -67.3703
Hunter-Lab	75.2026, -35.5084, 4.5438

Details

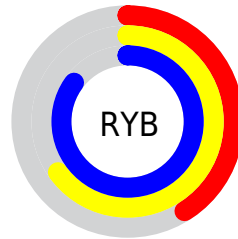
The Hex color **68D9C4** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **D9687D**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A3FFFD**, and **26A28E** is the 20% darker color. If you saturate the color by 10%, you get **52D9C0**, and if you desaturate by 10%, it is **7ED9C8**.

Distribution



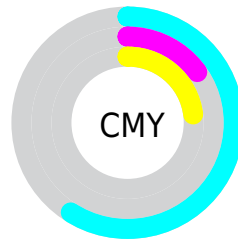
- Red (41%)
- Green (85%)
- Blue (77%)



- Red (41%)
- Yellow (65%)
- Blue (85%)



- Cyan (52%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (59%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68D9C4 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 68D9C4 by changing the saturation by 10% instead.

 68D9C4

 68D9C4

FFFFFF

 49BDA9

 A3FFFD

 26A28E

 C0FFFF

 008775

 DEFFFF

 006D5C

 FCFFFF

 005445

 003C2F

 00271A

 000000

 68D9C4

 68D9C4

 52D9C0


 7ED9C8

 3DD9BC

 93D9CC

 27D9B8

 A9D9D0

 11D9B4

 BFD9D4

 00D9B1

 D5D9D8

 EAD9DC

 FFD9E0

 FFD9E4

 FFD9E8

Harmonies

Analogous

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



92D6A1



68D9C4



4CD8E7

Triad

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



68D9C4



C9BEFF



FBB88B

Complementary

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



68D9C4



D9687D

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.



FFAEA6



68D9C4



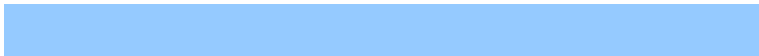
F1B2EA

Square

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



68D9C4



95CAFF



FFACC8



DFC480

Rectangle

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



68D9C4



55D5FA



FFACC8



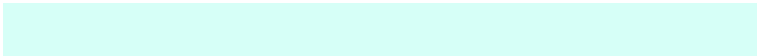
FFB493

Sweetspot

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



68D9C4



D6FFF7



7FD968



67807B



000000



808080

Same Dimension

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



68D9C4



61FFE2



68B7D9



636E6C



00AD8D



002E25

Inverse Universe

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



D9687D



FF617E



D98A68



6E6365



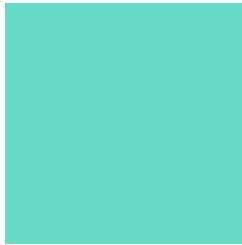
AD0020



2E0009

Previews

White Background



This preview shows how the Hex color 68D9C4 looks on a white background.

Color Contrast Check

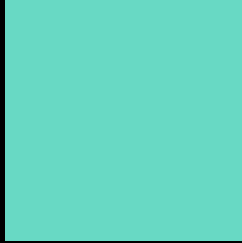
Large Text (above 18pt) WCAG AA × Fail

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 68D9C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

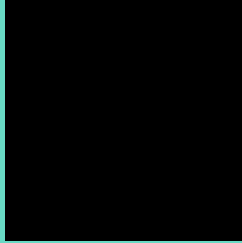
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

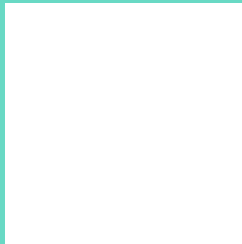
Any Text WCAG AAA ✓ Pass

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

Hex 68D9C4 Background



This preview shows how black text looks on a background with the Hex color 68D9C4.

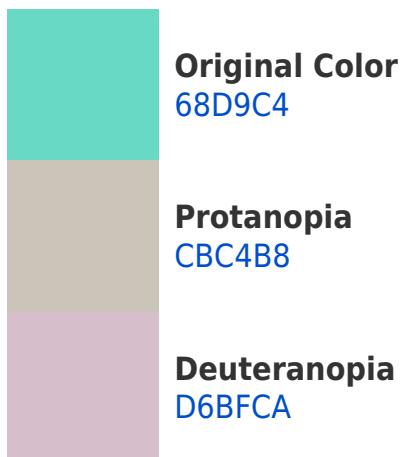


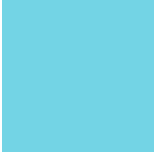
This preview shows how white text looks on a background with the Hex color 68D9C4.

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](#).

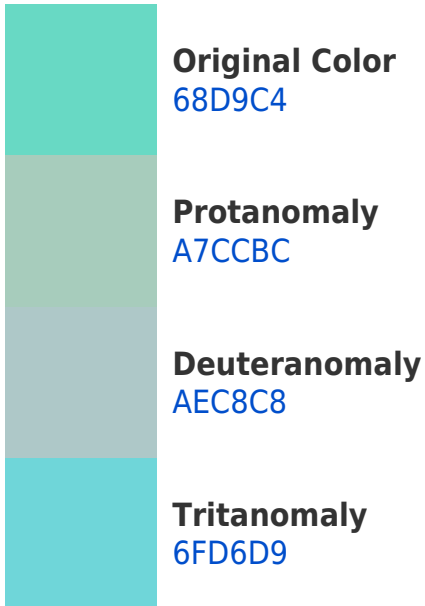
Dichromacy





Tritanopia
73D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68D9C4 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 #68D9C4 looks like.

```
.text, #text, p{  
    color:#68D9C4  
}
```

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 #68D9C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68D9C4
}
```

Border

The CSS property to change the border of an element to Hex 68D9C4 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
#68D9C4 }
```

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

```
.border{ border-color:#68D9C4 }
```

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

Here you see how a box with a 4 pixel #68D9C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68D9C4; -webkit-box-shadow:4px 4px  
4px 4px #68D9C4; box-shadow:4px 4px 4px  
4px #68D9C4 }
```

Background

The CSS property to change the background color of an element to Hex 68D9C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68D9C4 }
```

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

```
.background{ background-color:#68D9C4 }
```

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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