

# Converting Colors

Hex(68D7C4)

Have a look what the booklet for  
Hex(68D7C4) contains.

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# **Color**

**Hex(68D7C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68D7C4
RGB	104, 215, 196
RGB Percent	41%, 84%, 77%
CMY	0.5922, 0.1569, 0.2314
CMYK	0.52, 0.00, 0.09, 0.16
HSL	170°, 58%, 63%
HSV	170°, 52%, 84%
XYZ	39.9732, 55.5295, 60.8360
YIQ	179.6450, -60.0570, -29.4410

# Conversions

## Conversions Part 2

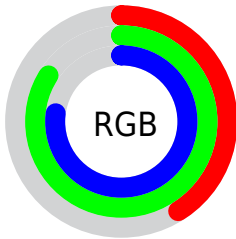
Format	Color
<a href="#">RYB</a>	<a href="#">104, 165, 215</a>
Decimal	<a href="#">6870980</a>
CIELab	<a href="#">79.35, -36.36, -0.34</a>
CIElCh	<a href="#">79, 36.362, 180.533</a>
Yxy	<a href="#">55.5295, 0.2557, 0.3552</a>
Android (android.graphics.Color)	<a href="#">4285061060 (0xFF68D7C4)</a>
YUV	<a href="#">179.6450, 8.0630, -66.3407</a>
Hunter-Lab	<a href="#">74.5181, -34.6553, 3.7588</a>

# Details

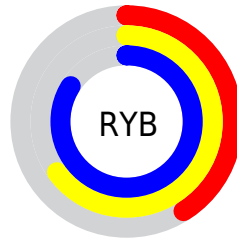
The Hex color **68D7C4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D7687B**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A2FFFD**, and **27A08E** is the 20% darker color. If you saturate the color by 10%, you get **53D7C0**, and if you desaturate by 10%, it is **7ED7C8**.

# Distribution



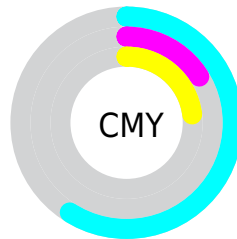
- Red (41%)
- Green (84%)
- Blue (77%)



- Red (41%)
- Yellow (65%)
- Blue (84%)



- Cyan (52%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (59%)
- Magenta (16%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68D7C4 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 68D7C4 by changing the saturation by 10% instead.



 68D7C4

 68D7C4

FFFFFF

 4ABBA9

 A2FFFD

 27A08E

 C0FFFF

 008575

 DDFFFF

 006B5C

 FBFFFF

 005245

 003A2F

 00261A

 000000

 68D7C4

 68D7C4

 53D7C0

 7ED7C8

 3DD7BD

 93D7CB

 28D7B9

 A9D7CF

 12D7B5

 BED7D3

 00D7B2

 D4D7D6

 E9D7DA

 FFD7DE

 FFD7E1

 FFD7E5

# Harmonies

## Analogous

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



90D4A2



68D7C4



50D6E6

# Triad

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



68D7C4



CABCFF



F7B78B

# Complementary

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



68D7C4



D7687B

# 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.



FFAEA4



68D7C4



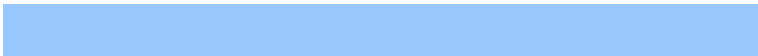
F0B1E6

# Square

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



68D7C4



98C8FF



FFABC5



DBC381

# Rectangle

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



68D7C4



59D3F8



FFABC5



FEB392



# Sweetspot

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



68D7C4



D9FFF8



7CD768



69807C



000000



808080



# Same Dimension

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



68D7C4



61FFE4



68B4D7



606B69



00AB8E



002B24



# Inverse Universe

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



D7687B



FF617C



D78B68



6B6062



AB001D

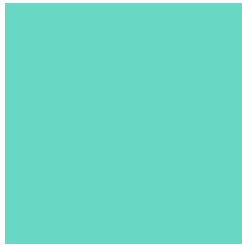


2B0007



# Previews

## White Background



This preview shows how the Hex color 68D7C4 looks on a white background.

## Color Contrast Check

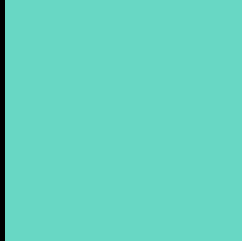
Large Text (above 18pt) WCAG AA × Fail

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 68D7C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

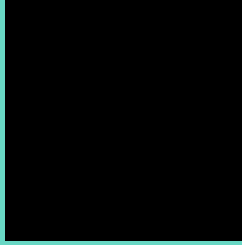
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

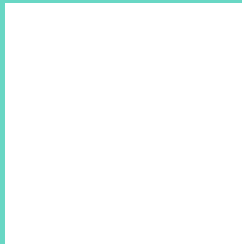
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 68D7C4 Background



This preview shows how black text looks on a background with the Hex color 68D7C4.

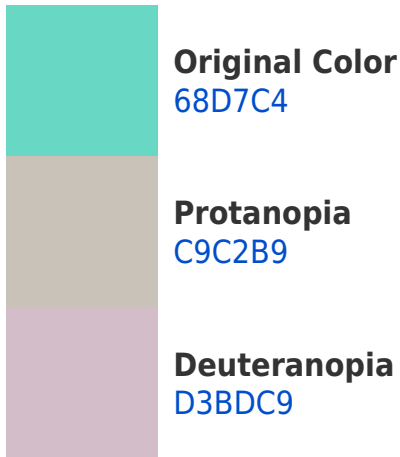


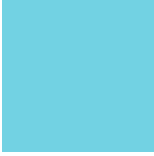
This preview shows how white text looks on a background with the Hex color 68D7C4.

# 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**  
72D2E3

# Trichromacy



**Original Color**  
68D7C4



**Protanomaly**  
A6CABD



**Deuteranomaly**  
ACC6C7

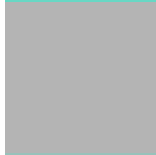


**Tritanomaly**  
6ED4D8

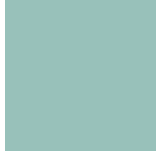
# Monochromacy



**Original Color**  
68D7C4



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
98C1BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68D7C4 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 #68D7C4 looks like.

```
.text, #text, p{  
    color:#68D7C4  
}
```

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 #68D7C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68D7C4
}
```

## Border

The CSS property to change the border of an element to Hex 68D7C4 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
#68D7C4 }
```

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

```
.border{ border-color:#68D7C4 }
```

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

Here you see how a box with a 4 pixel #68D7C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68D7C4; -webkit-box-shadow:4px 4px  
4px 4px #68D7C4; box-shadow:4px 4px 4px  
4px #68D7C4 }
```

# Background

The CSS property to change the background color of an element to Hex 68D7C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68D7C4 }
```

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

```
.background{ background-color:#68D7C4 }
```

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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