

Converting Colors

Hex(68D6B0)

Have a look what the booklet for
Hex(68D6B0) contains.

Hex(68D6B0)	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(68D6B0)

Conversions

Conversions Part 1

Format	Color
Hex	68D6B0
RGB	104, 214, 176
RGB Percent	41%, 84%, 69%
CMY	0.5922, 0.1608, 0.3098
CMYK	0.51, 0.00, 0.18, 0.16
HSL	159°, 57%, 62%
HSV	159°, 51%, 84%
XYZ	37.5920, 54.1708, 49.5490
YIQ	176.7780, -53.3620, -35.1380

Conversions

Conversions Part 2

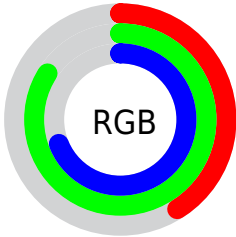
Format	Color
RYB	104, 170, 214
Decimal	6870704
CIELab	78.56, -40.57, 9.20
CIElCh	79, 41.603, 167.222
Yxy	54.1708, 0.2660, 0.3833
Android (android.graphics.Color)	4285060784 (0xFF68D6B0)
YUV	176.7780, -0.3836, -63.8263
Hunter-Lab	73.6008, -37.6317, 11.6058

Details

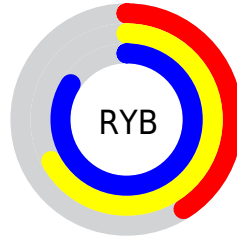
The Hex color **68D6B0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D6688E**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A2FFE8**, and **299F7B** is the 20% darker color. If you saturate the color by 10%, you get **53D6A9**, and if you desaturate by 10%, it is **7DD6B7**.

Distribution



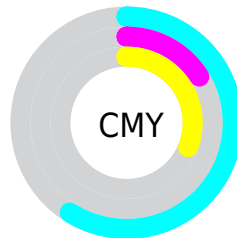
- Red (41%)
- Green (84%)
- Blue (69%)



- Red (41%)
- Yellow (67%)
- Blue (84%)



- Cyan (51%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)



- Cyan (59%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68D6B0 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 68D6B0 by changing the saturation by 10% instead.

 68D6B0

 68D6B0

FFFFFF

 4ABA95

 A2FFE8

 299F7B

 BFFFFFF

 008463

 DCFFFF

 006A4B

 FAFFFF

 005134

 00391F

 002407

 000000

 68D6B0

 68D6B0

 53D6A9

 7DD6B7

 3DD6A1

 93D6BF

 28D69A

 A8D6C6

 12D692

 BED6CE

 00D68C

 D3D6D5

 E8D6DC

 FED6E4

 FFD6EB

 FFD6F3

Harmonies

Analogous

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



9AD18D



68D6B0



2FD7D8

Triad

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



68D6B0



AEBEFF



FFAD8B

Complementary

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



68D6B0



D6688E

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.



FFA5AD



68D6B0



E3B0F7

Square

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



68D6B0



6DCBFF



FFA6D5



EABA77

Rectangle

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



68D6B0



17D5F0



FFA6D5



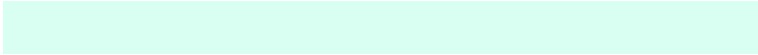
FFAA96

Sweetspot

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



68D6B0



D9FFF2



8ED668



698078



000000



808080

Same Dimension

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



68D6B0



61FFC8



68C5D6



606B67



00AB70



002B1C

Inverse Universe

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



D6688E



FF6198



D67968



6B6064



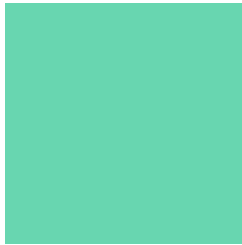
AB003B



2B000F

Previews

White Background



This preview shows how the Hex color 68D6B0 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 68D6B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

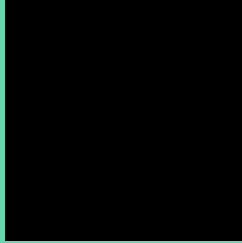
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

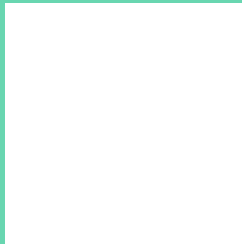
Any Text WCAG AAA ✓ Pass

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

Hex 68D6B0 Background



This preview shows how black text looks on a background with the Hex color 68D6B0.

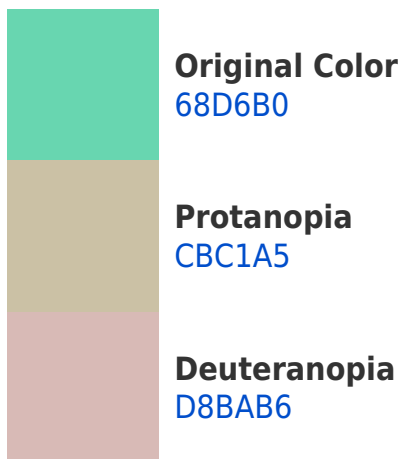


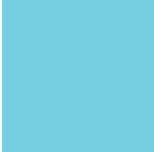
This preview shows how white text looks on a background with the Hex color 68D6B0.

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
76CFE0

Trichromacy



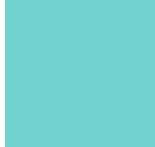
Original Color
68D6B0



Protanomaly
A7C9A9



Deuteranomaly
AFC4B4

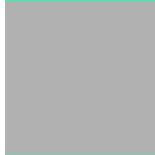


Tritanomaly
71D2CF

Monochromacy



Original Color
68D6B0



Achromatopsia
B1B1B1



Achromatomaly
96BEB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 68D6B0 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 #68D6B0 looks like.

```
.text, #text, p{  
    color:#68D6B0  
}
```

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 #68D6B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68D6B0
}
```

Border

The CSS property to change the border of an element to Hex 68D6B0 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
#68D6B0 }
```

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

```
.border{ border-color:#68D6B0 }
```

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

Here you see how a box with a 4 pixel #68D6B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68D6B0; -webkit-box-shadow:4px 4px  
4px 4px #68D6B0; box-shadow:4px 4px 4px  
4px #68D6B0 }
```

Background

The CSS property to change the background color of an element to Hex 68D6B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68D6B0 }
```

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

```
.background{ background-color:#68D6B0 }
```

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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