

# Converting Colors

Hex(67D6B8)

Have a look what the booklet for  
Hex(67D6B8) contains.

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**Color**

**Hex(67D6B8)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 67D6B8                       |
| RGB         | 103, 214, 184                |
| RGB Percent | 40%, 84%, 72%                |
| CMY         | 0.5961, 0.1608, 0.2784       |
| CMYK        | 0.52, 0.00, 0.14, 0.16       |
| HSL         | 164°, 58%, 62%               |
| HSV         | 164°, 52%, 84%               |
| XYZ         | 38.2918, 54.4374, 53.8367    |
| YIQ         | 177.3910, -56.5260, -32.8620 |

# Conversions

## Conversions Part 2

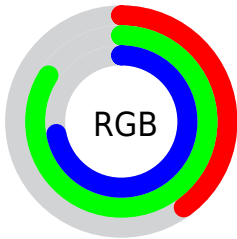
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">103, 167, 214</a>                                |
| Decimal                             | <a href="#">6805176</a>                                      |
| CIELab                              | <a href="#">78.72, -38.98, 5.15</a>                          |
| CIElCh                              | <a href="#">79, 39.315, 172.468</a>                          |
| Yxy                                 | <a href="#">54.4374, 0.2613, 0.3714</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4284995256</a><br>( <a href="#">0xFF67D6B8</a> ) |
| YUV                                 | <a href="#">177.3910, 3.2582, -65.2409</a>                   |
| Hunter-Lab                          | <a href="#">73.7817, -36.4786, 8.3847</a>                    |

# Details

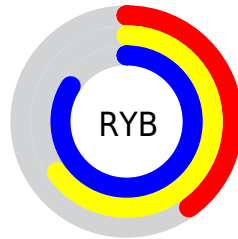
The Hex color **67D6B8** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D66785**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A1FFF0**, and **269F83** is the 20% darker color. If you saturate the color by 10%, you get **52D6B2**, and if you desaturate by 10%, it is **7CD6BE**.

# Distribution



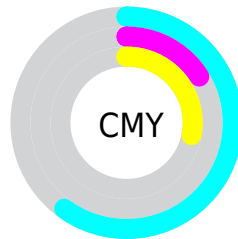
- Red (40%)
- Green (84%)
- Blue (72%)



- Red (40%)
- Yellow (65%)
- Blue (84%)



- Cyan (52%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)



- Cyan (60%)
- Magenta (16%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67D6B8 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 67D6B8 by changing the saturation by 10% instead.



 67D6B8

 67D6B8

FFFFFF

 49BA9D

 A1FFF0

 269F83

 BEFFFF

 00846A

 DCFFFF

 006A52

 FAFFFF

 00513B

 003925

 002510

 000000

 67D6B8

 67D6B8

 52D6B2


 7CD6BE

 3CD6AC

 92D6C4

 27D6A7

 A7D6C9

 11D6A1

 BDD6CF

 00D69C

 D2D6D5

 E7D6DB

 FDD6E0

 FFD6E6

 FFD6EC

# Harmonies

## Analogous

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



95D295



67D6B8



3DD6DD

# Triad

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



67D6B8



BABDFF



FFB18A

# Complementary

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



67D6B8



D66785

# 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.



FFA8A9



67D6B8



E8B0F0

# Square

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



67D6B8



80C9FF



FFA8CE



E4BD7A

# Rectangle

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



67D6B8



3BD4F3



FFA8CE



FFAD93

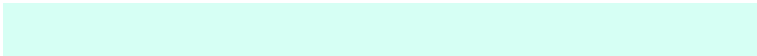


# Sweetspot

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



67D6B8



D6FFF4



86D667



678079



000000



808080



# Same Dimension

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



67D6B8



61FFD4



67BED6



606B68



00AB7D



002B20



# Inverse Universe

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



D66785



FF618C



D67F67



6B6063



AB002E

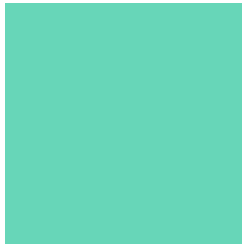


2B000C



# Previews

## White Background



This preview shows how the Hex color 67D6B8 looks on a white background.

## Color Contrast Check

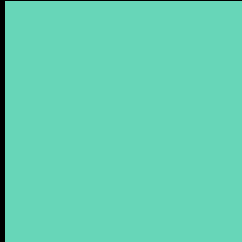
Large Text (above 18pt) WCAG AA × Fail

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 67D6B8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

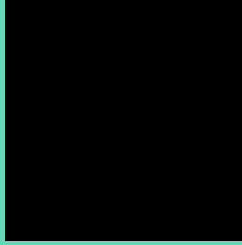
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

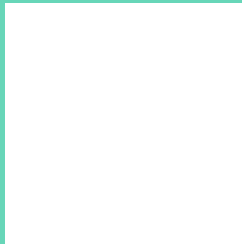
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 67D6B8 Background



This preview shows how black text looks on a background with the Hex color 67D6B8.

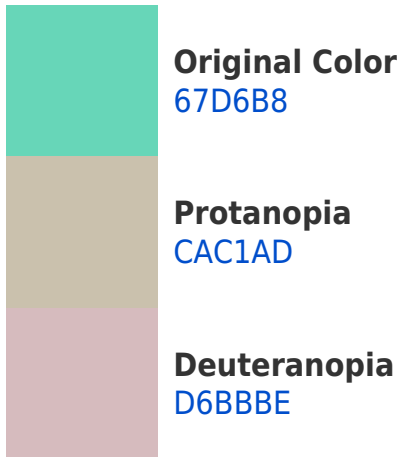


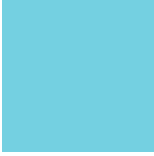
This preview shows how white text looks on a background with the Hex color 67D6B8.

# 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**  
74D0E1

# Trichromacy



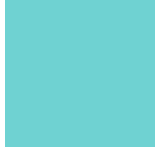
**Original Color**  
67D6B8



**Protanomaly**  
A6C9B1



**Deuteranomaly**  
AEC5BC

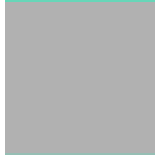


**Tritanomaly**  
6FD2D2

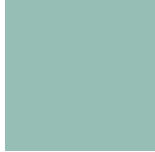
# Monochromacy



**Original Color**  
67D6B8



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
96BEB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67D6B8 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 #67D6B8 looks like.

```
.text, #text, p{  
    color:#67D6B8  
}
```

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 #67D6B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67D6B8
}
```

## Border

The CSS property to change the border of an element to Hex 67D6B8 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
#67D6B8 }
```

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

```
.border{ border-color:#67D6B8 }
```

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

Here you see how a box with a 4 pixel #67D6B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67D6B8; -webkit-box-shadow:4px 4px  
4px 4px #67D6B8; box-shadow:4px 4px 4px  
4px #67D6B8 }
```

# Background

The CSS property to change the background color of an element to Hex 67D6B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67D6B8 }
```

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

```
.background{ background-color:#67D6B8 }
```

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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