

# Converting Colors

Hex(68B082)

Have a look what the booklet for  
Hex(68B082) contains.

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**Color**

**Hex(68B082)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68B082
RGB	104, 176, 130
RGB Percent	41%, 69%, 51%
CMY	0.5922, 0.3098, 0.4902
CMYK	0.41, 0.00, 0.26, 0.31
HSL	142°, 31%, 55%
HSV	142°, 41%, 69%
XYZ	25.2635, 35.6054, 26.6601
YIQ	149.2280, -28.1460, -29.5700

# Conversions

## Conversions Part 2

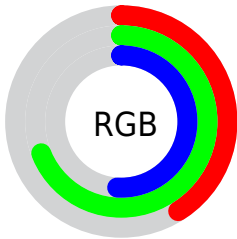
Format	Color
<a href="#">RYB</a>	<a href="#">104, 157, 176</a>
Decimal	<a href="#">6860930</a>
CIELab	<a href="#">66.22, -32.90, 16.63</a>
CIELCh	<a href="#">66, 36.869, 153.184</a>
Yxy	<a href="#">35.6054, 0.2886, 0.4068</a>
Android (android.graphics.Color)	<a href="#">4285051010 (0xFF68B082)</a>
YUV	<a href="#">149.2280, -9.4794, -39.6650</a>
Hunter-Lab	<a href="#">59.6703, -28.8487, 15.2790</a>

# Details

The Hex color **68B082** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B06896**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9EE8B7**, and **337B50** is the 20% darker color. If you saturate the color by 10%, you get **56B077**, and if you desaturate by 10%, it is **7AB08D**.

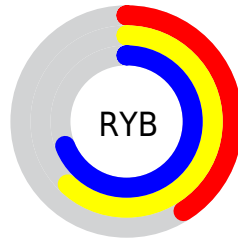
# Distribution



Red (41%)

Green (69%)

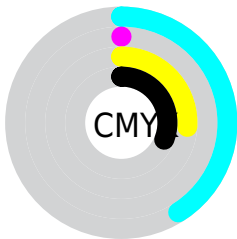
Blue (51%)



Red (41%)

Yellow (62%)

Blue (69%)

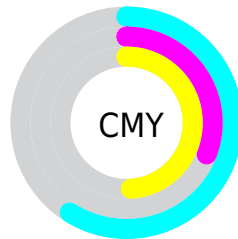


Cyan (41%)

Magenta (0%)

Yellow (26%)

Black (31%)



Cyan (59%)

Magenta (31%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68B082 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 68B082 by changing the saturation by 10% instead.





68B082



68B082

FFFFFF



4E9569



9EE8B7



337B50



BAFFD3



166239



D6FFE9



004923



F3FFFF



00320E



001E00



000000



68B082



68B082



56B077



7AB08D

 45B06C

 8BB098

 33B060

 9DB0A4

 22B055

 AEB0AF

 10B04A

 C0B0BA

 00B040

 D2B0C5

 E3B0D1

 F5B0DC

 FFB0E7

# Harmonies

## Analogous

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



90AA68



68B082



38B3A3

# Triad

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



68B082



76A3E3



DF8B7E

# Complementary

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



68B082



B06896

# 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.



E0879F



68B082



A997D8

# Square

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



68B082



39ACDB



CE8CBF



CF9567

# Rectangle

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



68B082



0FB2BA



CE8CBF



E18989



# Sweetspot

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



68B082



CAE6D4



97B068



637368



F2F2F2



737373



# Same Dimension

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



68B082



75E69E



68B0A5



505954



009937



001A09



# Inverse Universe

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



B06896



E675BD



B06873



595056



990062



1A0010



# Previews

## White Background



This preview shows how the Hex color 68B082 looks on a white background.

## Color Contrast Check

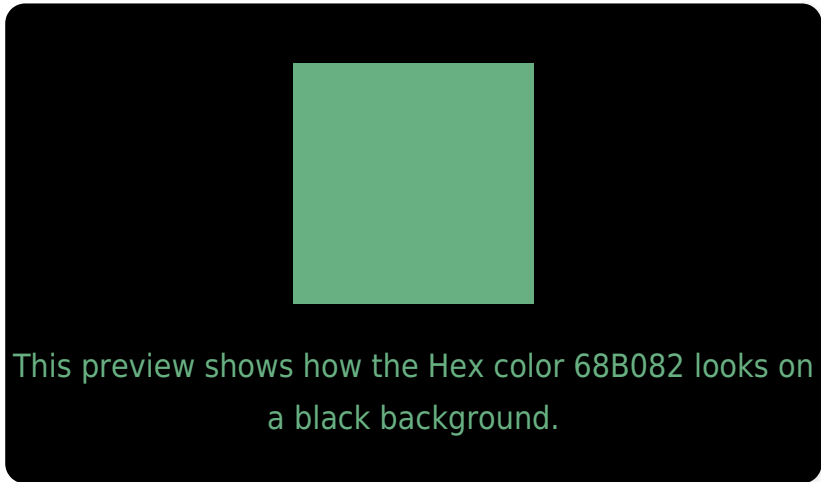
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

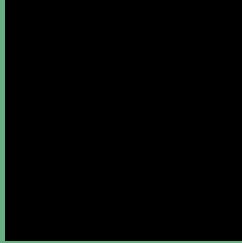
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 68B082 Background



This preview shows how black text looks on a background with the Hex color 68B082.

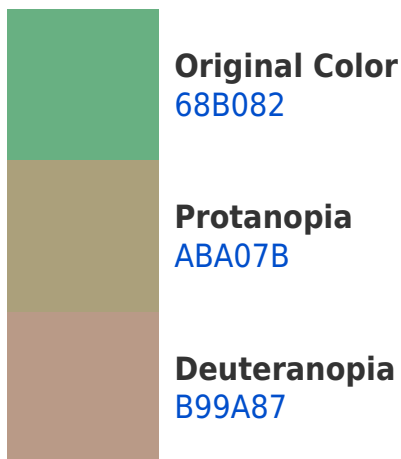


This preview shows how white text looks on a background with the Hex color 68B082.

# 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](#).

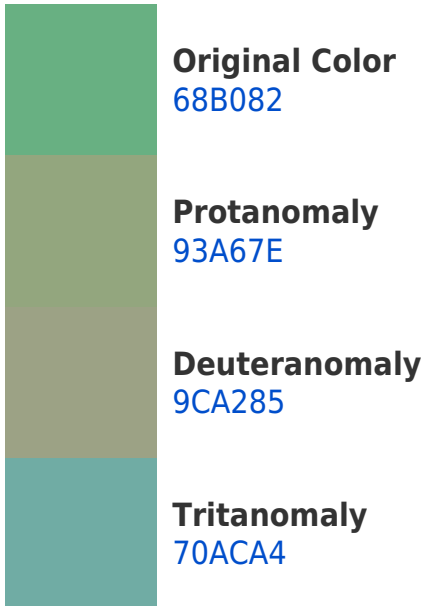
## Dichromacy





**Tritanopia**  
74A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68B082 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 #68B082 looks like.

```
.text, #text, p{  
    color:#68B082  
}
```

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 #68B082 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B082
}
```

## Border

The CSS property to change the border of an element to Hex 68B082 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
#68B082 }
```

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

```
.border{ border-color:#68B082 }
```

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

Here you see how a box with a 4 pixel #68B082 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B082; -webkit-box-shadow:4px 4px  
4px 4px #68B082; box-shadow:4px 4px 4px  
4px #68B082 }
```

# Background

The CSS property to change the background color of an element to Hex 68B082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B082 }
```

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

```
.background{ background-color:#68B082 }
```

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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