

Converting Colors

Hex(68AD83)

Have a look what the booklet for
Hex(68AD83) contains.

Hex(68AD83)	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(68AD83)

Conversions

Conversions Part 1

Format	Color
Hex	68AD83
RGB	104, 173, 131
RGB Percent	41%, 68%, 51%
CMY	0.5922, 0.3216, 0.4863
CMYK	0.40, 0.00, 0.24, 0.32
HSL	143°, 30%, 54%
HSV	143°, 40%, 68%
XYZ	24.7492, 34.4689, 26.8215
YIQ	147.5810, -27.6420, -27.6900

Conversions

Conversions Part 2

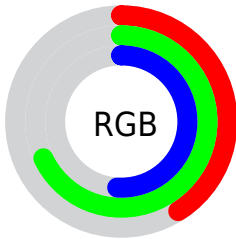
Format	Color
RYB	104, 154, 173
Decimal	6860163
CIELab	65.33, -31.29, 14.86
CIELCh	65, 34.637, 154.601
Yxy	34.4689, 0.2876, 0.4006
Android (android.graphics.Color)	4285050243 (0xFF68AD83)
YUV	147.5810, -8.1744, -38.2205
Hunter-Lab	58.7102, -27.4964, 14.0108

Details

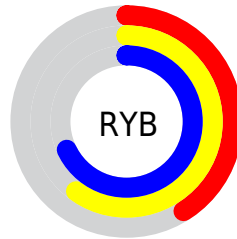
The Hex color **68AD83** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AD6892**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **9EE5B8**, and **347851** is the 20% darker color. If you saturate the color by 10%, you get **57AD78**, and if you desaturate by 10%, it is **79AD8E**.

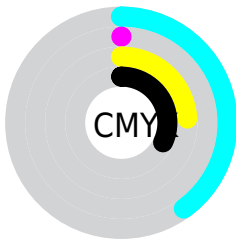
Distribution



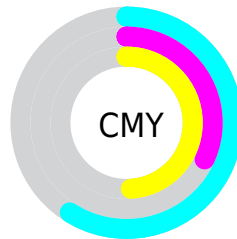
- Red (41%)
- Green (68%)
- Blue (51%)



- Red (41%)
- Yellow (60%)
- Blue (68%)



- Cyan (40%)
- Magenta (0%)
- Yellow (24%)
- Black (32%)



- Cyan (59%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68AD83 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 68AD83 by changing the saturation by 10% instead.

 68AD83

 68AD83

FFFFFF

 4E926A

 9EE5B8

 347851

 BAFFD4

 175F3A

 D6FFF0

 004724

 F3FFFF

 003010

 001B00

 000000

 68AD83

 68AD83

 57AD78

 79AD8E

 45AD6E

 8BAD98

 34AD63

 9CADA3

 23AD59

 ADADAD

 12AD4E

 BFADB8

 00AD44

 D0ADC2

 E1ADCD

 F2ADD7

 FFADE2

Harmonies

Analogous

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



8DA76B



68AD83



3FAFA3

Triad

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



68AD83



7AA0DC



D98A7D

Complementary

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



68AD83



AD6892

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.



DA879B



68AD83



A995D2

Square

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



68AD83



45A9D6



CA8BBA



C99467

Rectangle

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



68AD83



26AFB7



CA8BBA



DB8886

Sweetspot

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



68AD83



C5E0D0



93AD68



607067



F0F0F0



707070

Same Dimension

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



68AD83



75E09F



68ADA5



4E5751



00963B



001709

Inverse Universe

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



AD6892



E075B6



AD6870



574E53



96005C



17000E

Previews

White Background



This preview shows how the Hex color 68AD83 looks on a white background.

Color Contrast Check

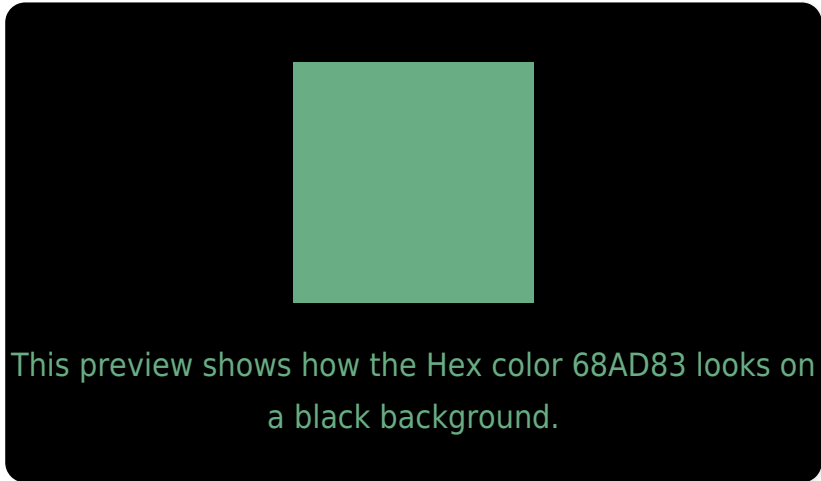
Large Text (above 18pt) WCAG AA × Fail

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

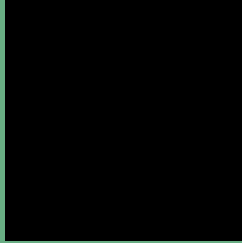
Any Text WCAG AA ✓ Pass

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 68AD83 Background



This preview shows how black text looks on a background with the Hex color 68AD83.



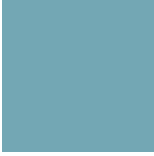
This preview shows how white text looks on a background with the Hex color 68AD83.

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](#).

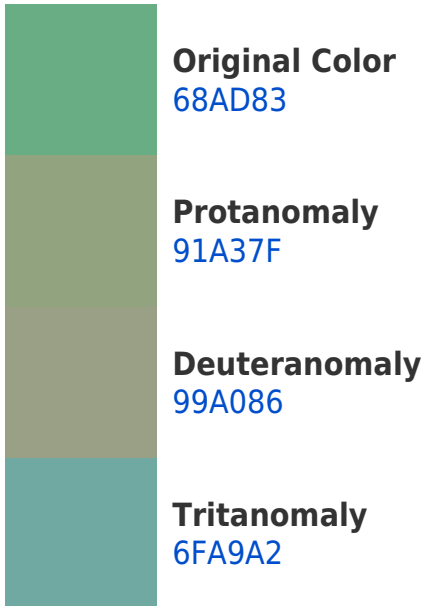
Dichromacy





Tritanopia
73A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68AD83 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 #68AD83 looks like.

```
.text, #text, p{  
    color:#68AD83  
}
```

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 #68AD83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68AD83
}
```

Border

The CSS property to change the border of an element to Hex 68AD83 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
#68AD83 }
```

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

```
.border{ border-color:#68AD83 }
```

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

Here you see how a box with a 4 pixel #68AD83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68AD83; -webkit-box-shadow:4px 4px  
4px 4px #68AD83; box-shadow:4px 4px 4px  
4px #68AD83 }
```

Background

The CSS property to change the background color of an element to Hex 68AD83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68AD83 }
```

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

```
.background{ background-color:#68AD83 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor