

Converting Colors

Hex(68A283)

Have a look what the booklet for
Hex(68A283) contains.

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Color

Hex(68A283)

Conversions

Conversions Part 1

Format	Color
Hex	68A283
RGB	104, 162, 131
RGB Percent	41%, 64%, 51%
CMY	0.5922, 0.3647, 0.4863
CMYK	0.36, 0.00, 0.19, 0.36
HSL	148°, 24%, 52%
HSV	148°, 36%, 64%
XYZ	22.7260, 30.4224, 26.1471
YIQ	141.1240, -24.6170, -21.9370

Conversions

Conversions Part 2

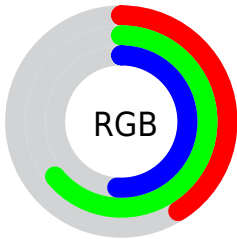
Format	Color
RYB	104, 144, 162
Decimal	6857347
CIELab	62.02, -25.94, 10.20
CIELCh	62, 27.877, 158.540
Yxy	30.4224, 0.2866, 0.3837
Android (android.graphics.Color)	4285047427 (0xFF68A283)
YUV	141.1240, -4.9911, -32.5577
Hunter-Lab	55.1565, -22.9770, 10.5030

Details

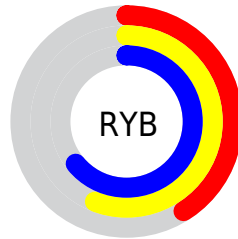
The Hex color **68A283** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A26887**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **9DD9B8**, and **356E52** is the 20% darker color. If you saturate the color by 10%, you get **58A27A**, and if you desaturate by 10%, it is **78A28C**.

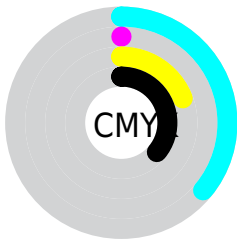
Distribution



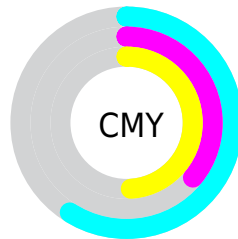
- Red (41%)
- Green (64%)
- Blue (51%)



- Red (41%)
- Yellow (56%)
- Blue (64%)



- Cyan (36%)
- Magenta (0%)
- Yellow (19%)
- Black (36%)



- Cyan (59%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68A283 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 68A283 by changing the saturation by 10% instead.



68A283



68A283

FFFFFF



4E886A



9DD9B8



356E52



B9F6D4



1B553B



D5FFF0



003E25



F1FFFF



002710



000D00



000000



68A283



68A283



58A27A



78A28C

 48A272

 88A294

 37A269

 99A29D

 27A260

 A9A2A6

 17A258

 B9A2AE

 07A24F

 C9A2B7

 00A24B

 D9A2C0

 EAA2C8

 FAA2D1

Harmonies

Analogous

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



859E6F



68A283



4EA49C

Triad

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



68A283



8096C6



C48778

Complementary

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



68A283



A26887

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.



C78390



68A283



A28DBD

Square

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



68A283



5C9DC3



BB86A8



B68E68

Rectangle

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



68A283



45A3AD



BB86A8



C7857F

Sweetspot

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



68A283



BCD4C7



88A268



5D6B64



EBEBEB



6B6B6B

Same Dimension

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



68A283



79D4A3



68A29F



49524D



009144



001208

Inverse Universe

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



A26887



D479A9



A2686B



52494E



91004E



12000A

Previews

White Background



This preview shows how the Hex color 68A283 looks on a white background.

Color Contrast Check

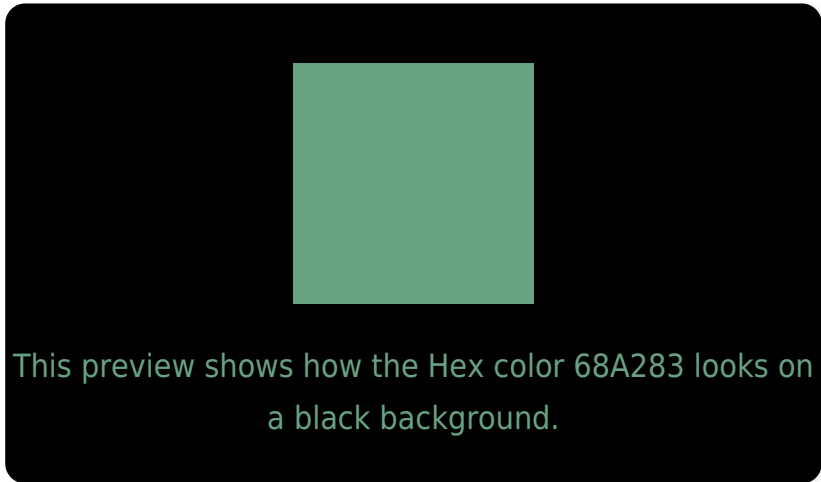
Large Text (above 18pt) WCAG AA × Fail

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

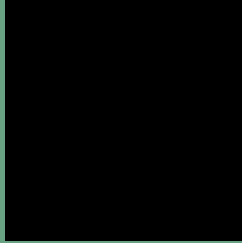
Any Text WCAG AA ✓ Pass

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 68A283 Background



This preview shows how black text looks on a background with the Hex color 68A283.

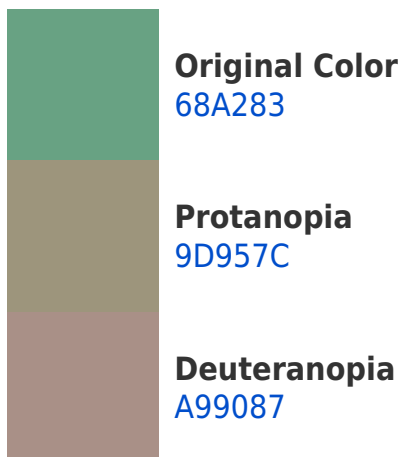


This preview shows how white text looks on a background with the Hex color 68A283.

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](#).

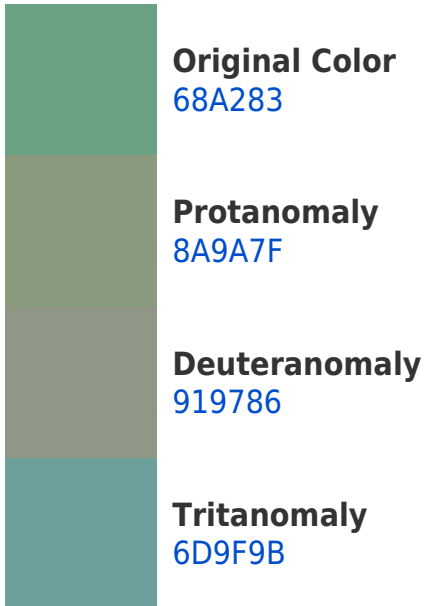
Dichromacy



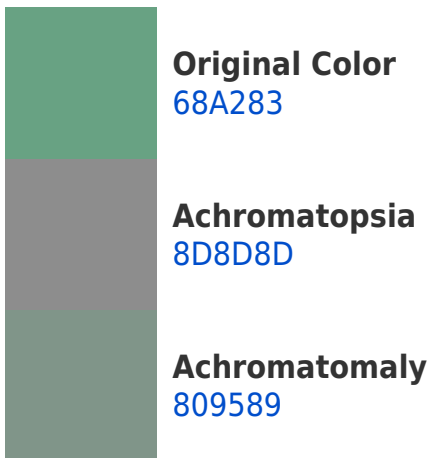


Tritanopia
709DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68A283 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 #68A283 looks like.

```
.text, #text, p{  
    color:#68A283  
}
```

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 #68A283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A283
}
```

Border

The CSS property to change the border of an element to Hex 68A283 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
#68A283 }
```

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

```
.border{ border-color:#68A283 }
```

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

Here you see how a box with a 4 pixel #68A283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A283; -webkit-box-shadow:4px 4px  
4px 4px #68A283; box-shadow:4px 4px 4px  
4px #68A283 }
```

Background

The CSS property to change the background color of an element to Hex 68A283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A283 }
```

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

```
.background{ background-color:#68A283 }
```

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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