

Converting Colors

Hex(68A278)

Have a look what the booklet for
Hex(68A278) contains.

Hex(68A278)	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(68A278)

Conversions

Conversions Part 1

Format	Color
Hex	68A278
RGB	104, 162, 120
RGB Percent	41%, 64%, 47%
CMY	0.5922, 0.3647, 0.5294
CMYK	0.36, 0.00, 0.26, 0.36
HSL	137°, 24%, 52%
HSV	137°, 36%, 64%
XYZ	22.0194, 30.1398, 22.4263
YIQ	139.8700, -21.0860, -25.3580

Conversions

Conversions Part 2

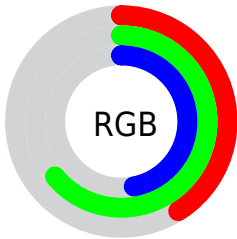
Format	Color
RYB	104, 149, 162
Decimal	6857336
CIELab	61.77, -28.15, 15.98
CIELCh	62, 32.370, 150.415
Yxy	30.1398, 0.2952, 0.4041
Android (android.graphics.Color)	4285047416 (0xFF68A278)
YUV	139.8700, -9.7959, -31.4580
Hunter-Lab	54.8997, -24.4809, 14.2101

Details

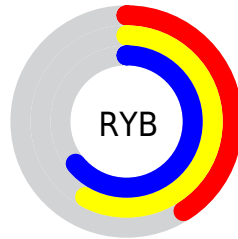
The Hex color **68A278** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A26892**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9DD9AC**, and **356E47** is the 20% darker color. If you saturate the color by 10%, you get **58A26C**, and if you desaturate by 10%, it is **78A284**.

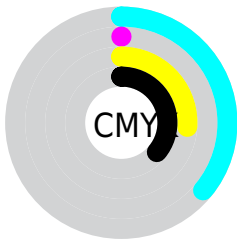
Distribution



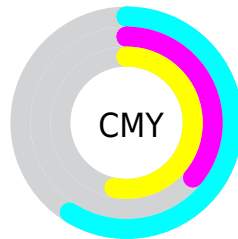
- Red (41%)
- Green (64%)
- Blue (47%)



- Red (41%)
- Yellow (58%)
- Blue (64%)



- Cyan (36%)
- Magenta (0%)
- Yellow (26%)
- Black (36%)



- Cyan (59%)
- Magenta (36%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68A278 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 68A278 by changing the saturation by 10% instead.



68A278



68A278

FFFFFF



4E885F



9DD9AC



356E47



B9F6C8



1B5531



D5FFE4



003E1B



F1FFFF



002702



000C00



000000



68A278



68A278



58A26C



78A284

 48A261

 88A28F

 37A255

 99A29B

 27A249

 A9A2A7

 17A23D

 B9A2B3

 07A232

 C9A2BE

 00A22D

 D9A2CA

 EAA2D6

 FAA2E2

Harmonies

Analogous

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



8A9C63



68A278



43A595

Triad

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



68A278



6D98CE



CC827A

Complementary

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



68A278



A26892

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.



CB7F96



68A278



998EC7

Square

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



68A278



3EA0C6



BA84B2



BF8A64

Rectangle

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



68A278



2DA5A8



BA84B2



CE8083

Sweetspot

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



68A278



BCD4C3



93A268



5D6B61



EBEBEB



6B6B6B

Same Dimension

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



68A278



79D492



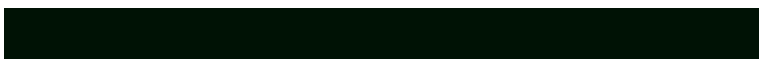
68A294



49524C



009128



001205

Inverse Universe

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



A26892



D479BB



A26876



52494F



910069



12000D

Previews

White Background



This preview shows how the Hex color 68A278 looks on a white background.

Color Contrast Check

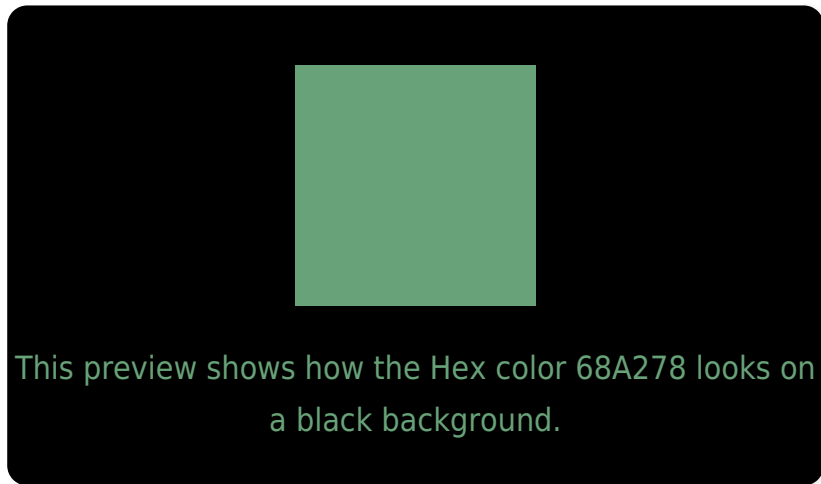
Large Text (above 18pt) WCAG AA × Fail

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

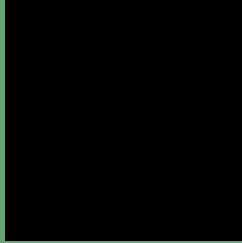
Any Text WCAG AA ✓ Pass

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 68A278 Background



This preview shows how black text looks on a background with the Hex color 68A278.

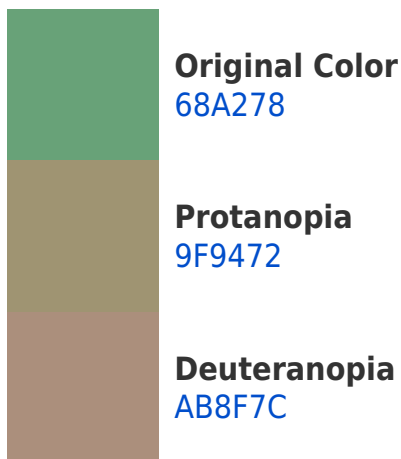


This preview shows how white text looks on a background with the Hex color 68A278.

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](#).

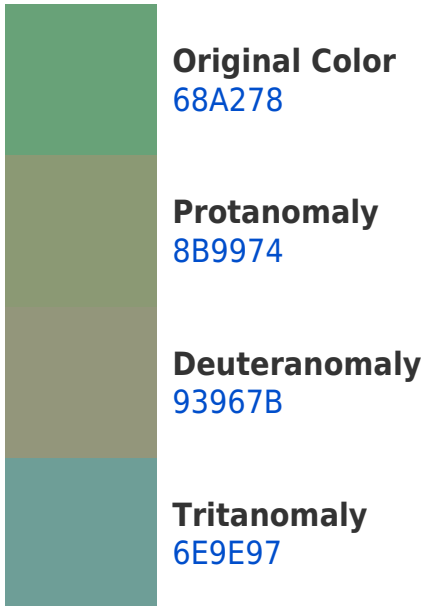
Dichromacy





Tritanopia
729CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68A278 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 #68A278 looks like.

```
.text, #text, p{  
    color:#68A278  
}
```

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 #68A278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A278
}
```

Border

The CSS property to change the border of an element to Hex 68A278 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
#68A278 }
```

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

```
.border{ border-color:#68A278 }
```

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

Here you see how a box with a 4 pixel #68A278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A278; -webkit-box-shadow:4px 4px  
4px 4px #68A278; box-shadow:4px 4px 4px  
4px #68A278 }
```

Background

The CSS property to change the background color of an element to Hex 68A278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A278 }
```

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

```
.background{ background-color:#68A278 }
```

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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