

Converting Colors

Hex(78A680)

Have a look what the booklet for
Hex(78A680) contains.

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Color

Hex(78A680)

Conversions

Conversions Part 1

Format	Color
Hex	78A680
RGB	120, 166, 128
RGB Percent	47%, 65%, 50%
CMY	0.5294, 0.3490, 0.4980
CMYK	0.28, 0.00, 0.23, 0.35
HSL	130°, 21%, 56%
HSV	130°, 28%, 65%
XYZ	25.2782, 32.8240, 25.4254
YIQ	147.9140, -15.2180, -21.5700

Conversions

Conversions Part 2

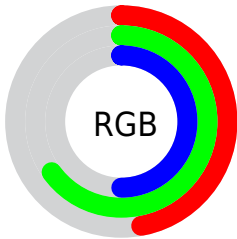
Format	Color
RYB	120, 159, 166
Decimal	7906944
CIELab	64.02, -23.36, 14.80
CIElCh	64, 27.658, 147.640
Yxy	32.8240, 0.3026, 0.3930
Android (android.graphics.Color)	4286097024 (0xFF78A680)
YUV	147.9140, -9.8176, -24.4806
Hunter-Lab	57.2922, -21.5045, 13.7926

Details

The Hex color **78A680** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A6789E**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ADDDB5**, and **46724F** is the 20% darker color. If you saturate the color by 10%, you get **67A672**, and if you desaturate by 10%, it is **89A68E**.

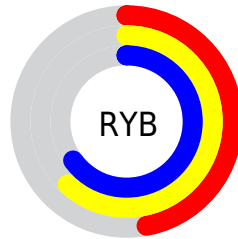
Distribution



Red (47%)

Green (65%)

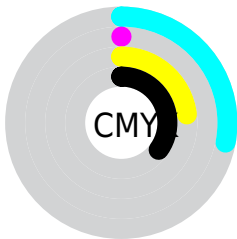
Blue (50%)



Red (47%)

Yellow (62%)

Blue (65%)

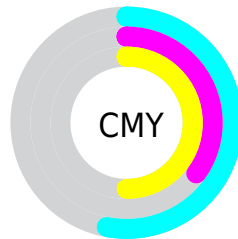


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (35%)



Cyan (53%)

Magenta (35%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78A680 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 78A680 by changing the saturation by 10% instead.

 78A680

 78A680

FFFFFF

 5F8B67

 ADDDB5

 46724F

 C9FAD1

 2E5938

 E5FFED


 164122

 002B0D

 001700

 000000

 78A680

 78A680

 67A672

 89A68E

 57A665

 99A69B

 46A657

 AAA6A9

 36A649

 BAA6B7

 25A63B

 CBA6C5

 14A62E

 DCA6D2

 04A620

 ECA6E0

 00A61D

 FDA6EE

 FFA6FB

Harmonies

Analogous

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



95A16F



78A680



5DA998

Triad

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



78A680



789ECC



CC8A85

Complementary

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



78A680



A6789E

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.



C9899E



78A680



9C95C7

Square

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



78A680



58A5C4



B98DB6



C29172

Rectangle

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



78A680



50A9A9



B98DB6



CD898D

Sweetspot

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



78A680



C7D9CA



9EA678



636E65



EDEDED



6E6E6E

Same Dimension

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



78A680



91D99E



78A697



4C544D



00941A



001404

Inverse Universe

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



A6789E



D991CC



A67887



544C53



94007A



140011

Previews

White Background



This preview shows how the Hex color 78A680 looks on a white background.

Color Contrast Check

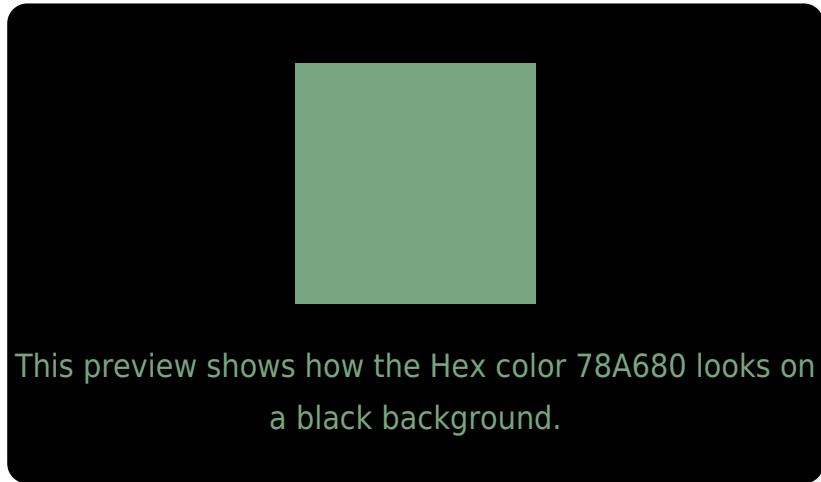
Large Text (above 18pt) WCAG AA × Fail

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

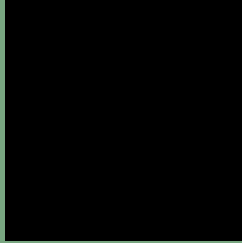
Any Text WCAG AA ✓ Pass

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 78A680 Background



This preview shows how black text looks on a background with the Hex color 78A680.

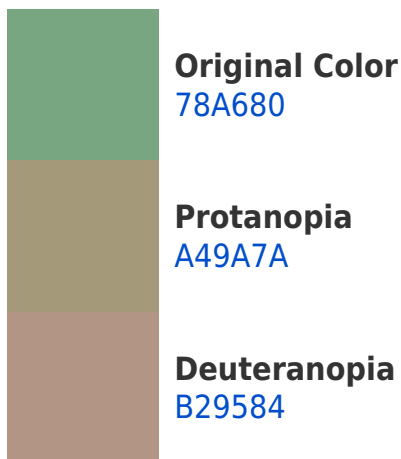


This preview shows how white text looks on a background with the Hex color 78A680.

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](#).

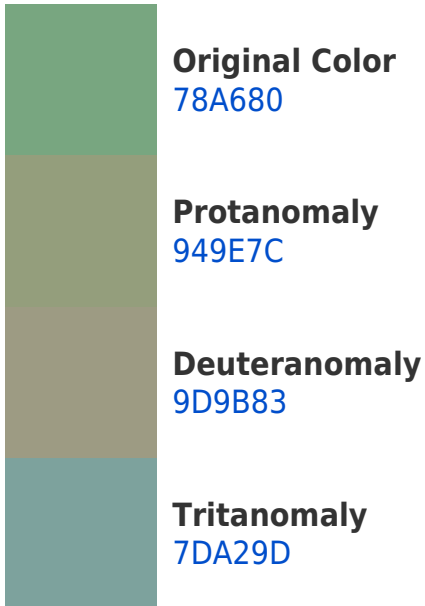
Dichromacy



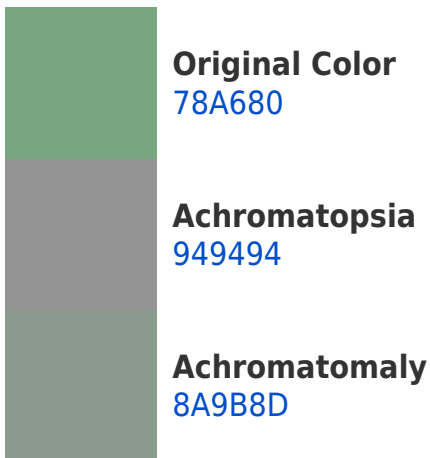


Tritanopia
80A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78A680 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 #78A680 looks like.

```
.text, #text, p{  
    color:#78A680  
}
```

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 #78A680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A680
}
```

Border

The CSS property to change the border of an element to Hex 78A680 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
#78A680 }
```

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

```
.border{ border-color:#78A680 }
```

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

Here you see how a box with a 4 pixel #78A680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A680; -webkit-box-shadow:4px 4px  
4px 4px #78A680; box-shadow:4px 4px 4px  
4px #78A680 }
```

Background

The CSS property to change the background color of an element to Hex 78A680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A680 }
```

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

```
.background{ background-color:#78A680 }
```

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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