

Converting Colors

Hex(78AB6F)

Have a look what the booklet for
Hex(78AB6F) contains.

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Color

Hex(78AB6F)

Conversions

Conversions Part 1

Format	Color
Hex	78AB6F
RGB	120, 171, 111
RGB Percent	47%, 67%, 44%
CMY	0.5294, 0.3294, 0.5647
CMYK	0.30, 0.00, 0.35, 0.33
HSL	111°, 26%, 55%
HSV	111°, 35%, 67%
XYZ	25.1779, 34.2666, 20.3260
YIQ	148.9110, -11.1360, -29.4720

Conversions

Conversions Part 2

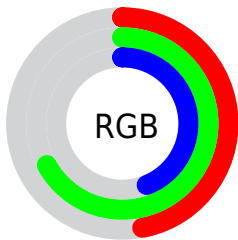
Format	Color
RYB	111, 171, 162
Decimal	7908207
CIELab	65.17, -28.77, 25.65
CIELCh	65, 38.544, 138.280
Yxy	34.2666, 0.3156, 0.4296
Android (android.graphics.Color)	4286098287 (0xFF78AB6F)
YUV	148.9110, -18.6901, -25.3549
Hunter-Lab	58.5377, -25.6655, 20.3891

Details

The Hex color **78AB6F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A26FAB**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **AEE3A3**, and **45763E** is the 20% darker color. If you saturate the color by 10%, you get **69AB5E**, and if you desaturate by 10%, it is **87AB80**.

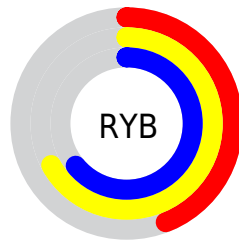
Distribution



Red (47%)

Green (67%)

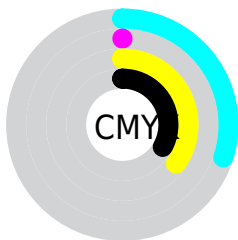
Blue (44%)



Red (44%)

Yellow (67%)

Blue (64%)

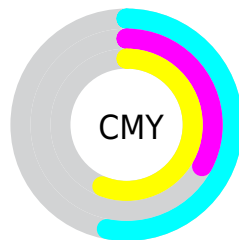


Cyan (30%)

Magenta (0%)

Yellow (35%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78AB6F 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 78AB6F by changing the saturation by 10% instead.

 78AB6F

 78AB6F

FFFFFF

 5E9056

 AEE3A3

 45763E

 CAFFBE

 2C5D27

 E6FFDA

 124511

 FFFFF7

 002E00

 001B00

 000000

 78AB6F

 78AB6F

 69AB5E

 87AB80

 5BAB4D

 95AB91

 4CAB3C

 A4ABA2

 3EAB2B

 B2ABB3

 2FAB19

 C1ABC4

 21AB08

 CFABD6

 1AAB00

 DEABE7

 ECABF8

 FBABFF

Harmonies

Analogous

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



9FA35B



78AB6F



49B08F

Triad

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



78AB6F



4FA6E1



E1848A

Complementary

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



78AB6F



A26FAB

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.



D884AD



78AB6F



8E9AE0

Square

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



78AB6F



00ADD1



BC8ECC



D88C6C

Rectangle

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



78AB6F



1BB1A7



BC8ECC



E08396

Sweetspot

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



78AB6F



C9DEC5



ABA26F



647062



F0F0F0



707070

Same Dimension

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



78AB6F



8FDE81



6FAB84



4F574E



179600



031700

Inverse Universe

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



A26FAB



D081DE



AB6F96



554E57



800096



140017

Previews

White Background



This preview shows how the Hex color 78AB6F looks on a white background.

Color Contrast Check

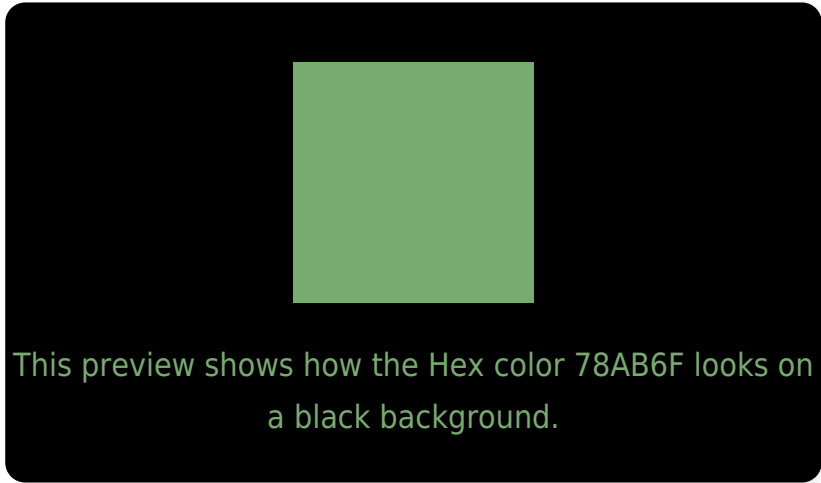
Large Text (above 18pt) WCAG AA × Fail

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

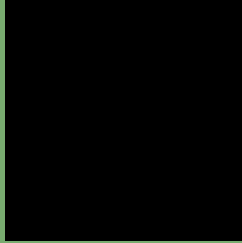
Any Text WCAG AA ✓ Pass

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 78AB6F Background



This preview shows how black text looks on a background with the Hex color 78AB6F.



This preview shows how white text looks on a background with the Hex color 78AB6F.

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



Original Color
78AB6F

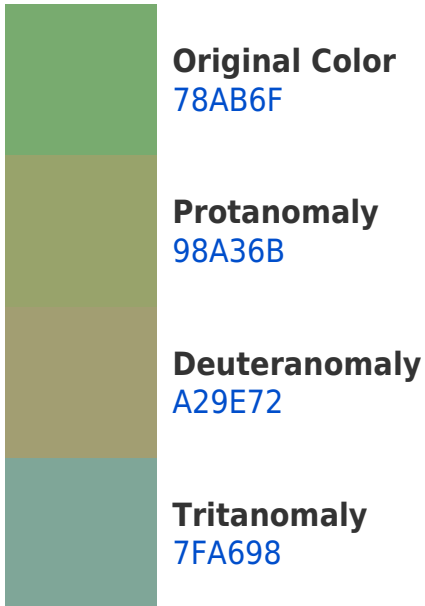
Protanopia
AB9E69

Deuteranopia
BA9773

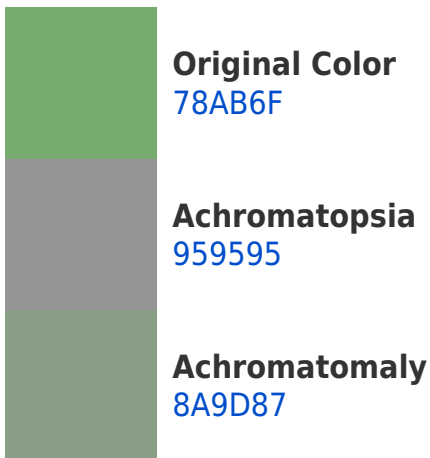


Tritanopia
83A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78AB6F 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 #78AB6F looks like.

```
.text, #text, p{  
    color:#78AB6F  
}
```

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 #78AB6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78AB6F
}
```

Border

The CSS property to change the border of an element to Hex 78AB6F 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
#78AB6F }
```

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

```
.border{ border-color:#78AB6F }
```

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

Here you see how a box with a 4 pixel #78AB6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78AB6F; -webkit-box-shadow:4px 4px  
4px 4px #78AB6F; box-shadow:4px 4px 4px  
4px #78AB6F }
```

Background

The CSS property to change the background color of an element to Hex 78AB6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78AB6F }
```

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

```
.background{ background-color:#78AB6F }
```

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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