

Converting Colors

Hex(768A78)

Have a look what the booklet for
Hex(768A78) contains.

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Color

Hex(768A78)

Conversions

Conversions Part 1

Format	Color
Hex	768A78
RGB	118, 138, 120
RGB Percent	46%, 54%, 47%
CMY	0.5373, 0.4588, 0.5294
CMYK	0.14, 0.00, 0.13, 0.46
HSL	126°, 8%, 50%
HSV	126°, 14%, 54%
XYZ	19.9499, 23.3846, 21.2315
YIQ	129.9680, -6.1420, -9.8380

Conversions

Conversions Part 2

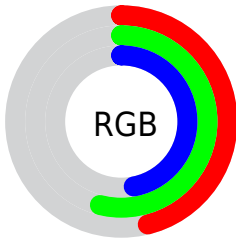
Format	Color
RYB	118, 136, 138
Decimal	7768696
CIELab	55.47, -10.90, 7.24
CIElCh	55, 13.084, 146.398
Yxy	23.3846, 0.3090, 0.3622
Android (android.graphics.Color)	4285958776 (0xFF768A78)
YUV	129.9680, -4.9142, -10.4959
Hunter-Lab	48.3576, -10.9859, 7.8189

Details

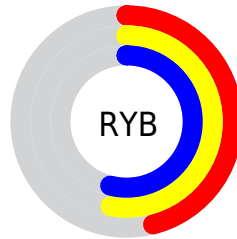
The Hex color **768A78** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A7688**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **AABFAC**, and **455848** is the 20% darker color. If you saturate the color by 10%, you get **688A6C**, and if you desaturate by 10%, it is **848A84**.

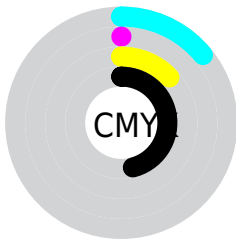
Distribution



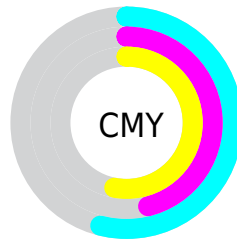
- Red (46%)
- Green (54%)
- Blue (47%)



- Red (46%)
- Yellow (53%)
- Blue (54%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (46%)



- Cyan (54%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768A78 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 768A78 by changing the saturation by 10% instead.



768A78



768A78

FFFFFF



5D715F



AABFAC



455848



C6DBC8



2F4131



E2F8E4



1A2B1C

FEFFFF



001702



000000



768A78



768A78



688A6C



848A84



5A8A5F



928A91

 4D8A53

 9F8A9D

 3F8A46

 AD8AAA

 318A3A

 BB8AB6

 238A2D

 C98AC3

 158A21

 D78ACF

 088A15

 E48ADB

 008A0E

 F28AE8

Harmonies

Analogous

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



838770



768A78



6C8B83

Triad

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



768A78



77869B



9D7E7B

Complementary

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



768A78



8A7688

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.



9B7D87



768A78



858299

Square

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



768A78



6B8997



927F92



998072

Rectangle

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



768A78



688B8B



927F92



9D7D7F

Sweetspot

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



768A78



ABB3AC



888A76



555955



D9D9D9



595959

Same Dimension

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



768A78



94B397



768A82



3E453F



00850D



000501

Inverse Universe

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



8A7688



B394AF



8A767E



453E44



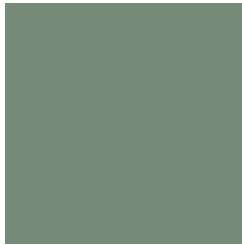
850077



050005

Previews

White Background



This preview shows how the Hex color 768A78 looks on a white background.

Color Contrast Check

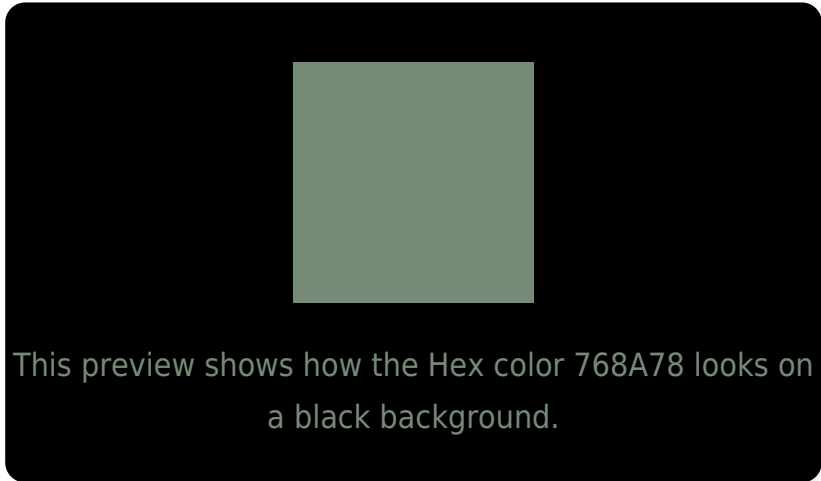
Large Text (above 18pt) WCAG AA ✓ Pass

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

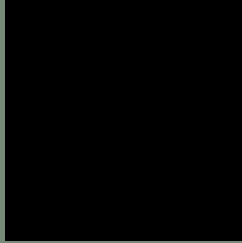
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

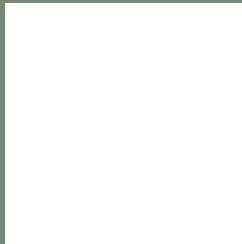
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 768A78 Background



This preview shows how black text looks on a background with the Hex color 768A78.



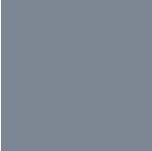
This preview shows how white text looks on a background with the Hex color 768A78.

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](#).

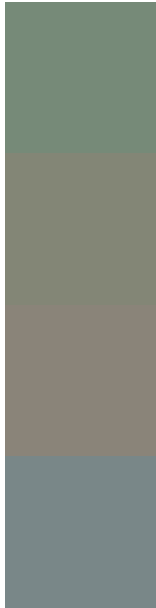
Dichromacy





Tritanopia
7A8691

Trichromacy



Original Color
768A78

Protanomaly
838676

Deuteranomaly
8A8479

Tritanomaly
798788

Monochromacy



Original Color
768A78

Achromatopsia
828282

Achromatomaly
7E857E

CSS Examples

Text

The CSS property to change the color of the text to Hex 768A78 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 #768A78 looks like.

```
.text, #text, p{  
    color:#768A78  
}
```

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 #768A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768A78
}
```

Border

The CSS property to change the border of an element to Hex 768A78 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
#768A78 }
```

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

```
.border{ border-color:#768A78 }
```

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

Here you see how a box with a 4 pixel #768A78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768A78; -webkit-box-shadow:4px 4px  
4px 4px #768A78; box-shadow:4px 4px 4px  
4px #768A78 }
```

Background

The CSS property to change the background color of an element to Hex 768A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768A78 }
```

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

```
.background{ background-color:#768A78 }
```

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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