

Converting Colors

Hex(47978A)

Have a look what the booklet for
Hex(47978A) contains.

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Color

Hex(47978A)

Conversions

Conversions Part 1

Format	Color
Hex	47978A
RGB	71, 151, 138
RGB Percent	28%, 59%, 54%
CMY	0.7216, 0.4078, 0.4588
CMYK	0.53, 0.00, 0.09, 0.41
HSL	170°, 36%, 44%
HSV	170°, 53%, 59%
XYZ	18.2526, 25.3078, 27.9676
YIQ	125.5980, -43.5070, -21.0030

Conversions

Conversions Part 2

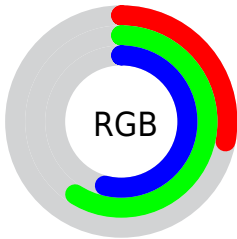
Format	Color
R_{YB}	71, 115, 151
Decimal	4691850
CIE _{Lab}	57.37, -27.80, -0.63
CIE _{LCh}	57, 27.806, 181.292
Yxy	25.3078, 0.2552, 0.3538
Android (android.graphics.Color)	4282881930 (0xFF47978A)
YUV	125.5980, 6.1142, -47.8824
Hunter-Lab	50.3068, -23.2727, 2.2531

Details

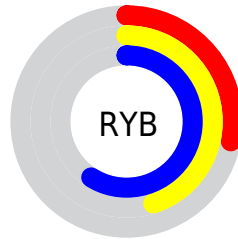
The Hex color **47978A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **974754**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7ECEBF**, and **016458** is the 20% darker color. If you saturate the color by 10%, you get **389788**, and if you desaturate by 10%, it is **56978C**.

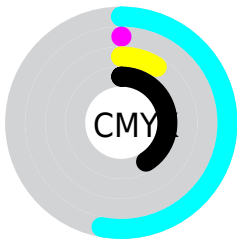
Distribution



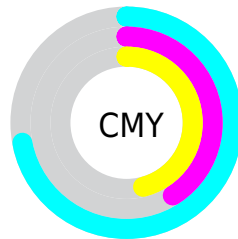
- Red (28%)
- Green (59%)
- Blue (54%)



- Red (28%)
- Yellow (45%)
- Blue (59%)



- Cyan (53%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)



- Cyan (72%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47978A 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 47978A by changing the saturation by 10% instead.

 47978A

 47978A

FFFFFF

 2A7D71


 7ECEBF

 016458

 99EADB

 004B41

 B6FFF8

 00342B

 D2FFFF

 002016

 EFFFFFF

 000000

 47978A

 47978A

 389788

 56978C

 299785

 65978F

■ 1A9783

■ 749791

■ 0B9780

■ 839794

■ 00977E

■ 939796

■ A29799

■ B1979B

■ C0979E

■ CF97A0

Harmonies

Analogous

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



639572



47978A



3796A2

Triad

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



47978A



8E83B3



AE8060

Complementary

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



47978A



974754

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.



B97A72



47978A



AA7BA1

Square

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



47978A



6B8CBA



B8778A



998959

Rectangle

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



47978A



3E94AF



B8778A



B37E65

Sweetspot

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



47978A



A5C4BF



549747



516360



E3E3E3



636363

Same Dimension

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



47978A



47C4B0



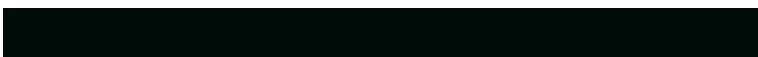
477C97



454D4B



008C75



000D0B

Inverse Universe

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



974754



C4475B



976247



4D4546



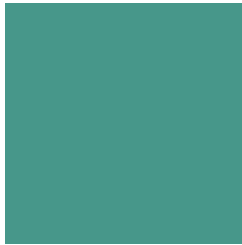
8C0017



0D0002

Previews

White Background



This preview shows how the Hex color 47978A looks on a white background.

Color Contrast Check

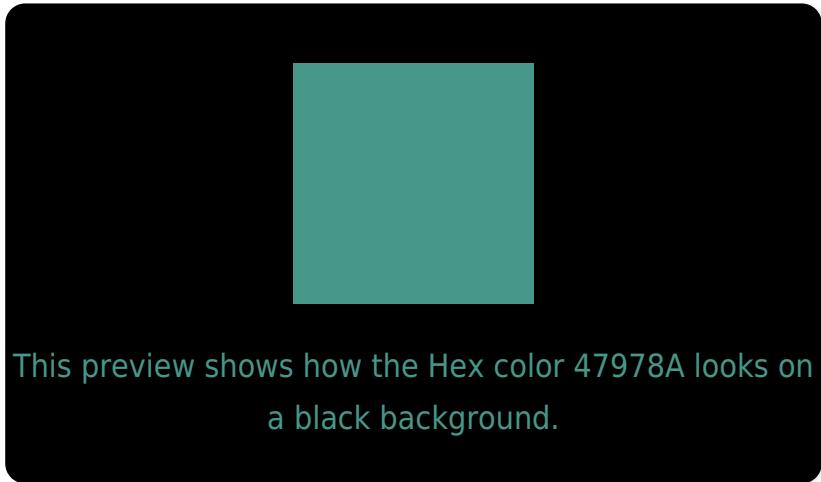
Large Text (above 18pt) WCAG AA ✓ Pass

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

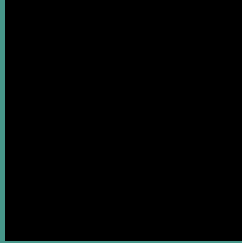
Any Text WCAG AA ✓ Pass

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 47978A Background



This preview shows how black text looks on a background with the Hex color 47978A.

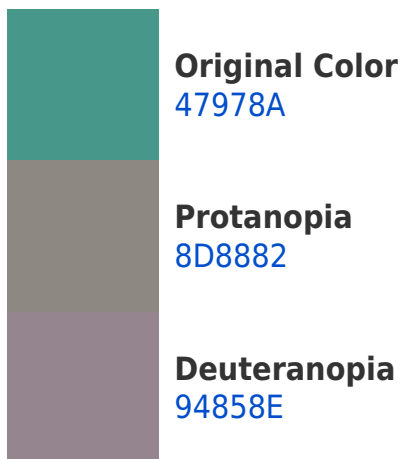


This preview shows how white text looks on a background with the Hex color 47978A.

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](#).

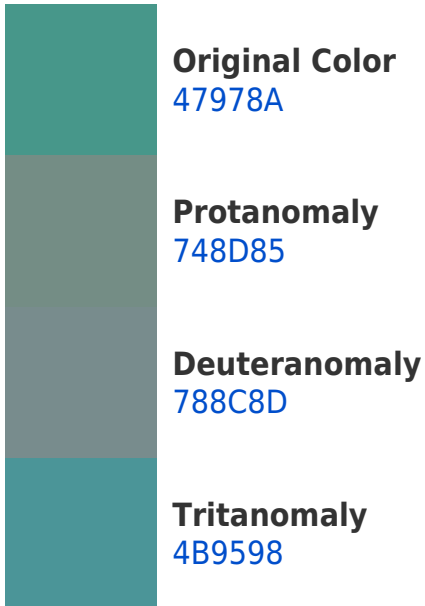
Dichromacy





Tritanopia
4E94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47978A 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 #47978A looks like.

```
.text, #text, p{  
    color:#47978A  
}
```

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 #47978A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47978A
}
```

Border

The CSS property to change the border of an element to Hex 47978A 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
#47978A }
```

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

```
.border{ border-color:#47978A }
```

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

Here you see how a box with a 4 pixel #47978A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47978A; -webkit-box-shadow:4px 4px  
4px 4px #47978A; box-shadow:4px 4px 4px  
4px #47978A }
```

Background

The CSS property to change the background color of an element to Hex 47978A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47978A }
```

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

```
.background{ background-color:#47978A }
```

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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