

Converting Colors

Hex(48807A)

Have a look what the booklet for
Hex(48807A) contains.

| | |
|--|----|
| Hex(48807A) | 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(48807A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 48807A |
| RGB | 72, 128, 122 |
| RGB Percent | 28%, 50%, 48% |
| CMY | 0.7176, 0.4980, 0.5216 |
| CMYK | 0.44, 0.00, 0.05, 0.50 |
| HSL | 174°, 28%, 39% |
| HSV | 174°, 44%, 50% |
| XYZ | 13.9045, 18.2212, 21.1966 |
| YIQ | 110.5720, -31.4500, -13.7380 |

Conversions

Conversions Part 2

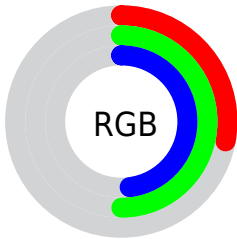
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 72, 102, 128 |
| Decimal | 4751482 |
| CIE _{Lab} | 49.76, -20.01, -2.53 |
| CIE _{LCh} | 50, 20.165, 187.201 |
| Yxy | 18.2212, 0.2608, 0.3417 |
| Android (android.graphics.Color) | 4282941562 (0xFF48807A) |
| YUV | 110.5720, 5.6340, -33.8276 |
| Hunter-Lab | 42.6863, -16.5570, 0.4390 |

Details

The Hex color **48807A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80484E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7CB5AE**, and **124F49** is the 20% darker color. If you saturate the color by 10%, you get **3B8079**, and if you desaturate by 10%, it is **55807B**.

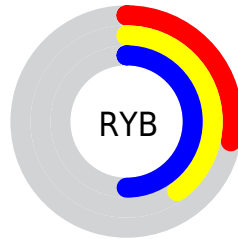
Distribution



Red (28%)

Green (50%)

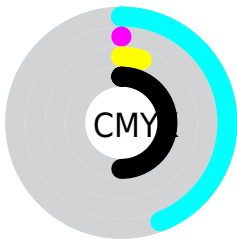
Blue (48%)



Red (28%)

Yellow (40%)

Blue (50%)

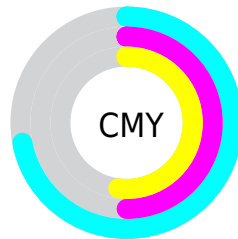


Cyan (44%)

Magenta (0%)

Yellow (5%)

Black (50%)



Cyan (72%)

Magenta (50%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48807A 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 48807A by changing the saturation by 10% instead.

■ 48807A

■ 48807A

FFFFFF

■ 2E6761

■ 7CB5AE

■ 124F49

■ 97D1CA

■ 003733

■ B2EDE6

■ 00221E

■ CEFFFF

■ 000005

■ EBFFFF

■ 000000

■ 48807A

■ 48807A

■ 3B8079

■ 55807B

■ 2E8077

■ 62807D

■ 228076

■ 6E807E

■ 158075

■ 7B807F

■ 088073

■ 888081

■ 008072

■ 958082

■ A28084

■ AE8085

■ BB8086

Harmonies

Analogous

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



587F69



48807A



437F8A

Triad

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



48807A



7E7192



8E7157

Complementary

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



48807A



80484E

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.



986C62



48807A



906C84

Square

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



48807A



677798



986A73



7F7754

Rectangle

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



48807A



4A7D93



986A73



926F5A

Sweetspot

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



48807A



90A6A3



4F8048



475453



D4D4D4



545454

Same Dimension

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



48807A



4EA69C



486B80



39403F



008072



000000

Inverse Universe

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



80484E



A64E57



805D48



40393A



80000E



000000

Previews

White Background



This preview shows how the Hex color 48807A looks on a white background.

Color Contrast Check

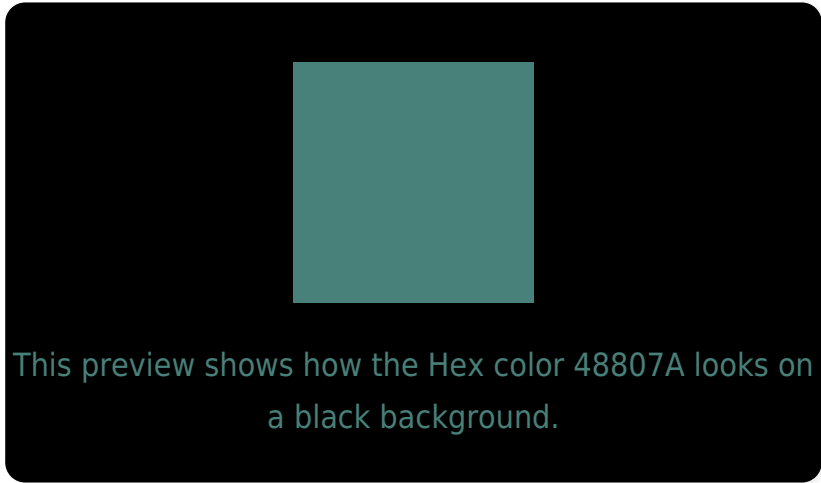
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

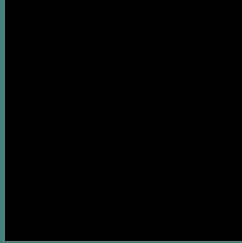
Any Text WCAG AA ✓ Pass

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 48807A Background



This preview shows how black text looks on a background with the Hex color 48807A.

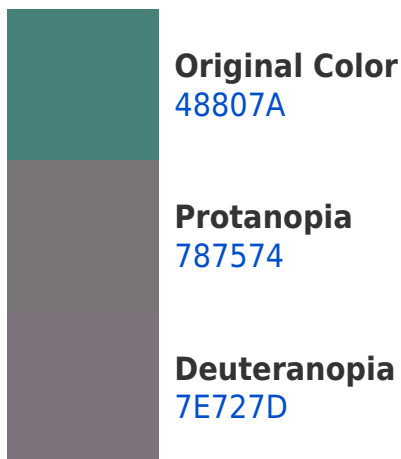


This preview shows how white text looks on a background with the Hex color 48807A.

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
4C7E88

Trichromacy



Original Color
48807A

Protanomaly
677976

Deuteranomaly
6A777C

Tritanomaly
4B7F83

Monochromacy



Original Color
48807A

Achromatopsia
6F6F6F

Achromatomaly
617573

CSS Examples

Text

The CSS property to change the color of the text to Hex 48807A 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 #48807A looks like.

```
.text, #text, p{  
    color:#48807A  
}
```

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 #48807A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48807A
}
```

Border

The CSS property to change the border of an element to Hex 48807A 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
#48807A }
```

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

```
.border{ border-color:#48807A }
```

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

Here you see how a box with a 4 pixel #48807A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48807A; -webkit-box-shadow:4px 4px  
4px 4px #48807A; box-shadow:4px 4px 4px  
4px #48807A }
```

Background

The CSS property to change the background color of an element to Hex 48807A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48807A }
```

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

```
.background{ background-color:#48807A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor