

# Converting Colors

Hex(47877A)

Have a look what the booklet for  
Hex(47877A) contains.

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# Color

**Hex(47877A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47877A
RGB	71, 135, 122
RGB Percent	28%, 53%, 48%
CMY	0.7216, 0.4706, 0.5216
CMYK	0.47, 0.00, 0.10, 0.47
HSL	168°, 31%, 40%
HSV	168°, 47%, 53%
XYZ	14.7754, 20.0727, 21.5080
YIQ	114.3820, -33.9710, -17.6110

# Conversions

## Conversions Part 2

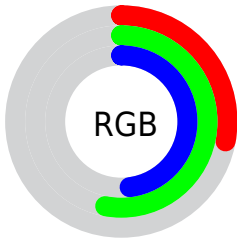
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 107, 135
Decimal	4687738
CIELab	51.92, -23.91, 0.62
CIELCh	52, 23.918, 178.504
Yxy	20.0727, 0.2622, 0.3562
Android (android.graphics.Color)	4282877818 (0xFF47877A)
YUV	114.3820, 3.7557, -38.0460
Hunter-Lab	44.8025, -19.5372, 2.8989

# Details

The Hex color **47877A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **874754**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7CBDAE**, and **0E5549** is the 20% darker color. If you saturate the color by 10%, you get **3A8777**, and if you desaturate by 10%, it is **55877D**.

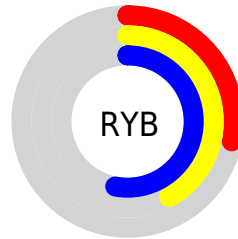
# Distribution



Red (28%)

Green (53%)

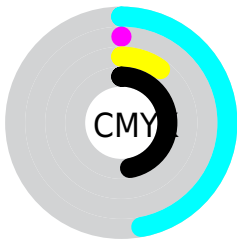
Blue (48%)



Red (28%)

Yellow (42%)

Blue (53%)

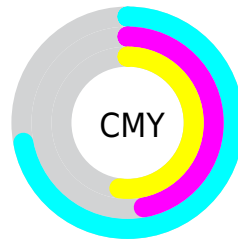


Cyan (47%)

Magenta (0%)

Yellow (10%)

Black (47%)



Cyan (72%)

Magenta (47%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47877A 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 47877A by changing the saturation by 10% instead.



 47877A

 47877A

FFFFFF

 2D6D61

 7CBDAE

 0E5549

 97D8CA

 003D33

 B2F5E6

 00271E

 CEFFFF

 000D05

 EBFFFF

 000000

 47877A

 47877A

 3A8777

 55877D

 2C8775

 62877F

■ 1F8772

■ 708782

■ 11876F

■ 7D8785

■ 03876C

■ 8B8788

■ 00876C

■ 98878A

■ A6878D

■ B38790

■ C18793

# Harmonies

## Analogous

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



5E8566



47877A



3A878F

# Triad

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



47877A



7D77A0



9C735A

# Complementary

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



47877A



874754

# 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.



A46E69



47877A



957091

# Square

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



47877A



5F7EA4



A26D7E



8B7A53

# Rectangle

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



47877A



3E859A



A26D7E



A0715E



# Sweetspot

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



47877A



97B0AB



558747



4A5956



D9D9D9



595959



# Same Dimension

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



47877A



4CB09C



477587



3C4241



008268



000302



# Inverse Universe

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



874754



B04C60



875947



423C3D



82001A



030001



# Previews

## White Background



This preview shows how the Hex color 47877A looks on a white background.

## Color Contrast Check

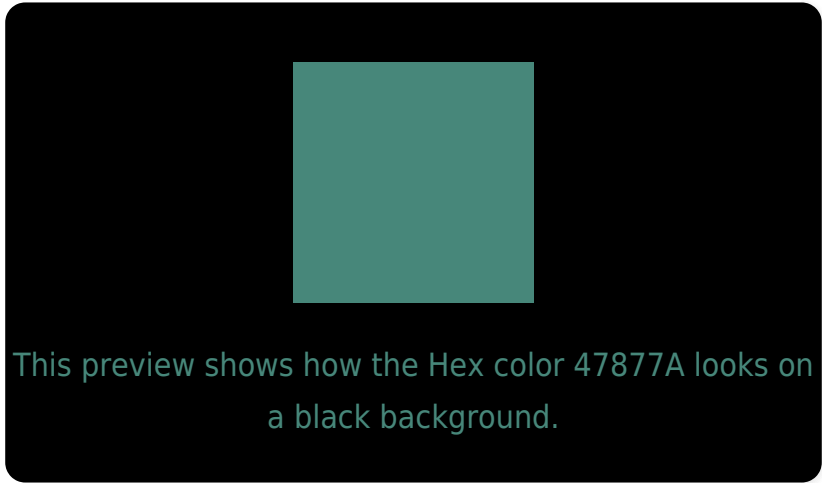
Large Text (above 18pt) WCAG AA ✓ Pass

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

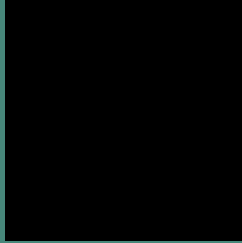
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 47877A Background



This preview shows how black text looks on a background with the Hex color 47877A.

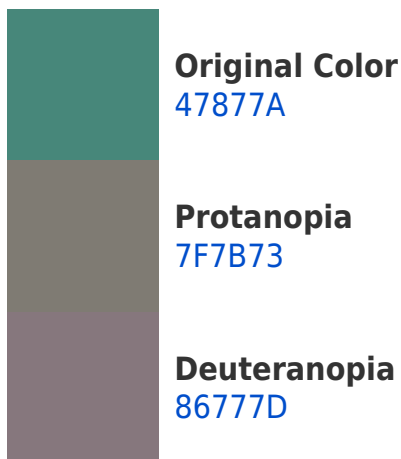



This preview shows how white text looks on a background with the Hex color 47877A.

# 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**  
4D848F

# Trichromacy



**Original Color**  
47877A

**Protanomaly**  
6B7F76

**Deuteranomaly**  
6F7D7C

**Tritanomaly**  
4B8587

# Monochromacy



**Original Color**  
47877A

**Achromatopsia**  
727272

**Achromatomaly**  
627A75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47877A 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 #47877A looks like.

```
.text, #text, p{  
    color:#47877A  
}
```

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 #47877A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47877A
}
```

## Border

The CSS property to change the border of an element to Hex 47877A 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
#47877A }
```

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

```
.border{ border-color:#47877A }
```

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

Here you see how a box with a 4 pixel #47877A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47877A; -webkit-box-shadow:4px 4px  
4px 4px #47877A; box-shadow:4px 4px 4px  
4px #47877A }
```

# Background

The CSS property to change the background color of an element to Hex 47877A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47877A }
```

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

```
.background{ background-color:#47877A }
```

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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