

Converting Colors

Hex(47977D)

Have a look what the booklet for
Hex(47977D) contains.

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Color

Hex(47977D)

Conversions

Conversions Part 1

Format	Color
Hex	47977D
RGB	71, 151, 125
RGB Percent	28%, 59%, 49%
CMY	0.7216, 0.4078, 0.5098
CMYK	0.53, 0.00, 0.17, 0.41
HSL	160°, 36%, 44%
HSV	160°, 53%, 59%
XYZ	17.3668, 24.9535, 23.3032
YIQ	124.1160, -39.3340, -25.0460

Conversions

Conversions Part 2

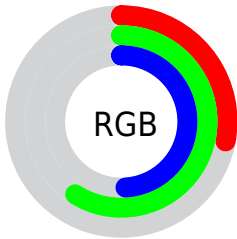
Format	Color
RYB	71, 119, 151
Decimal	4691837
CIELab	57.03, -31.06, 6.28
CIElCh	57, 31.689, 168.567
Yxy	24.9535, 0.2646, 0.3803
Android (android.graphics.Color)	4282881917 (0xFF47977D)
YUV	124.1160, 0.4358, -46.5827
Hunter-Lab	49.9535, -25.3613, 7.3087

Details

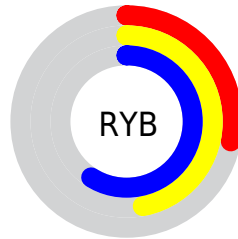
The Hex color **47977D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **974761**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7DCEB2**, and **04634C** is the 20% darker color. If you saturate the color by 10%, you get **389778**, and if you desaturate by 10%, it is **569782**.

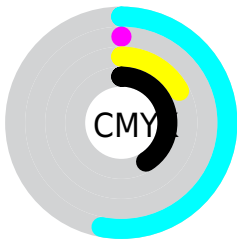
Distribution



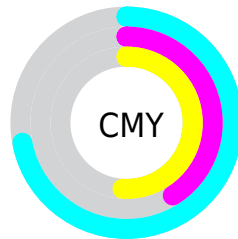
- Red (28%)
- Green (59%)
- Blue (49%)



- Red (28%)
- Yellow (47%)
- Blue (59%)



- Cyan (53%)
- Magenta (0%)
- Yellow (17%)
- Black (41%)



- Cyan (72%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47977D 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 47977D by changing the saturation by 10% instead.



47977D



47977D

FFFFFF



2B7D64



7DCEB2



04634C



99EACD



004B35



B5FFE9



003420



D1FFFF



002009



EEFFFF



000000



47977D



47977D



389778



569782



299773



659787

■ 1A976E

■ 74978C

■ 0B9769

■ 839791

■ 009766

■ 939796

■ A2979A

■ B1979F

■ C097A4

■ CF97A9

Harmonies

Analogous

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



6A9363



47977D



209899

Triad

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



47977D



7D86BD



B87A61

Complementary

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



47977D



974761

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.



BF7479



47977D



A17CAE

Square

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



47977D



4F8FBF



B87595



A58453

Rectangle

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



47977D



1596AA



B87595



BC7868

Sweetspot

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



47977D



A5C4BA



629747



51635D



E3E3E3



636363

Same Dimension

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



47977D



47C49C



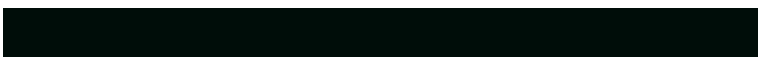
478A97



454D4A



008C5F



000D09

Inverse Universe

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



974761



C44770



975447



4D4547



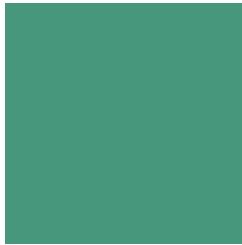
8C002E



0D0004

Previews

White Background



This preview shows how the Hex color 47977D looks on a white background.

Color Contrast Check

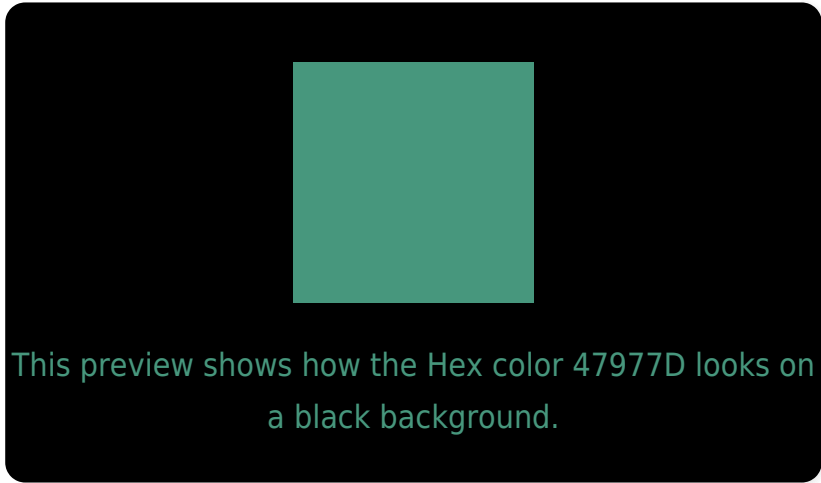
Large Text (above 18pt) WCAG AA ✓ Pass

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

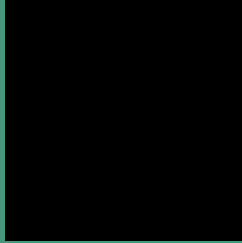
Any Text WCAG AA ✓ Pass

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 47977D Background



This preview shows how black text looks on a background with the Hex color 47977D.

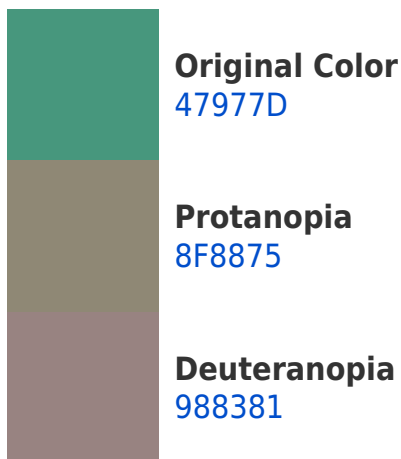


This preview shows how white text looks on a background with the Hex color 47977D.

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
51929E

Trichromacy



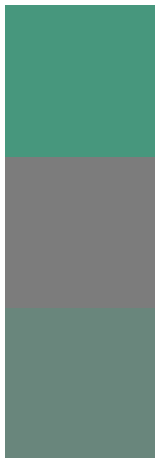
Original Color
47977D

Protanomaly
758D78

Deuteranomaly
7B8A80

Tritanomaly
4D9492

Monochromacy



Original Color
47977D

Achromatopsia
7C7C7C

Achromatomaly
69867C

CSS Examples

Text

The CSS property to change the color of the text to Hex 47977D 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 #47977D looks like.

```
.text, #text, p{  
    color:#47977D  
}
```

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 #47977D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47977D
}
```

Border

The CSS property to change the border of an element to Hex 47977D 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
#47977D }
```

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

```
.border{ border-color:#47977D }
```

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

Here you see how a box with a 4 pixel #47977D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47977D; -webkit-box-shadow:4px 4px  
4px 4px #47977D; box-shadow:4px 4px 4px  
4px #47977D }
```

Background

The CSS property to change the background color of an element to Hex 47977D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47977D }
```

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

```
.background{ background-color:#47977D }
```

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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