

Converting Colors

Hex(447980)

Have a look what the booklet for
Hex(447980) contains.

Hex(447980)	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(447980)

Conversions

Conversions Part 1

Format	Color
Hex	447980
RGB	68, 121, 128
RGB Percent	27%, 47%, 50%
CMY	0.7333, 0.5255, 0.4980
CMYK	0.47, 0.05, 0.00, 0.50
HSL	187°, 31%, 38%
HSV	187°, 47%, 50%
XYZ	13.1176, 16.4622, 22.9082
YIQ	105.9510, -33.8350, -9.0590

Conversions

Conversions Part 2

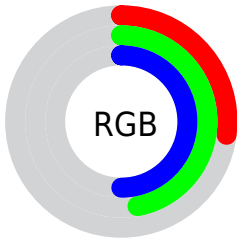
Format	Color
R_{YB}	68, 96, 128
Decimal	4487552
CIE _{Lab}	47.58, -15.64, -9.34
CIE _{LCh}	48, 18.218, 210.844
Yxy	16.4622, 0.2499, 0.3136
Android (android.graphics.Color)	4282677632 (0xFF447980)
YUV	105.9510, 10.8702, -33.2830
Hunter-Lab	40.5736, -13.2944, -5.0741

Details

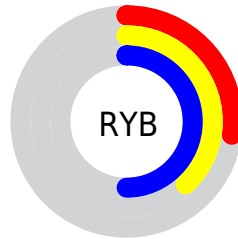
The Hex color **447980** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **804B44**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **78ADB5**, and **0B484F** is the 20% darker color. If you saturate the color by 10%, you get **377880**, and if you desaturate by 10%, it is **517A80**.

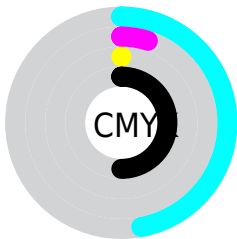
Distribution



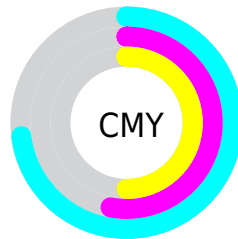
- Red (27%)
- Green (47%)
- Blue (50%)



- Red (27%)
- Yellow (38%)
- Blue (50%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (50%)



- Cyan (73%)
- Magenta (53%)
- Yellow (50%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 447980 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 447980 by changing the saturation by 10% instead.

447980

447980

FFFFFF

2A6067

78ADB5

0B484F

93C9D0

003238

AEE5ED

001D23

CAFFFF

00000C

E7FFFF

000000

447980

447980

377880

517A80

2A7680

5E7C80

■ 1E7580

■ 6A7D80

■ 117380

■ 777F80

■ 047280

■ 848080

■ 007180

■ 918280

■ 9E8380

■ AA8580

■ B78680

Harmonies

Analogous

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



4B7A71



447980



4C768B

Triad

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



447980



856880



7C7052

Complementary

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



447980



804B44

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.



896B57



447980



8F6671

Square

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



447980



746D8B



906762



6B7556

Rectangle

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



447980



58748F



906762



816E53

Sweetspot

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



447980



8FA3A6



44804B



465254



D4D4D4



545454

Same Dimension

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



447980



499BA6



445B80



393F40



007180



000000

Inverse Universe

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



804479



A6499B



806944



40393F



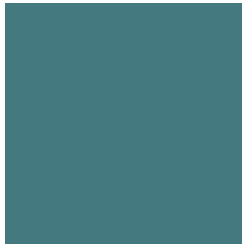
800071



000000

Previews

White Background



This preview shows how the Hex color 447980 looks on a white background.

Color Contrast Check

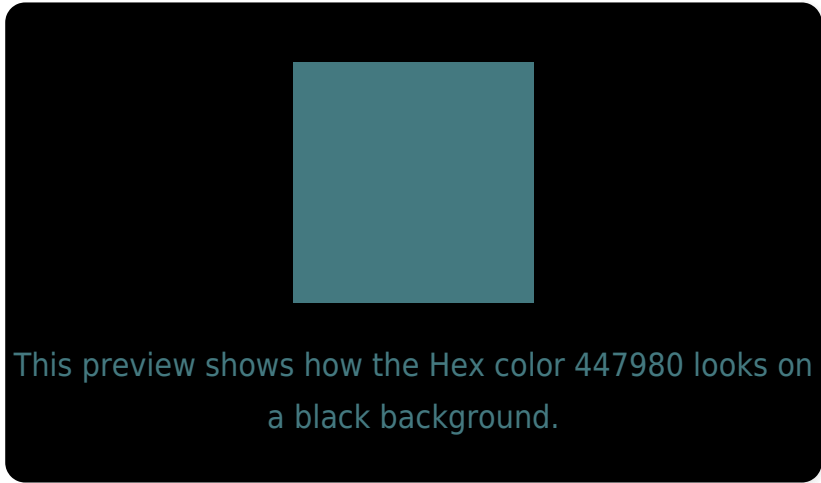
Large Text (above 18pt) WCAG AA ✓ Pass

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

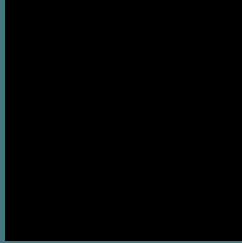
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 447980 Background



This preview shows how black text looks on a background with the Hex color 447980.

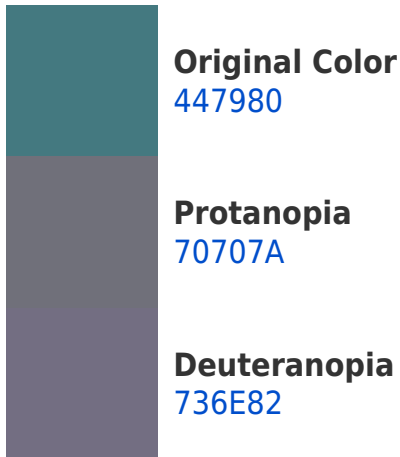


This preview shows how white text looks on a background with the Hex color 447980.

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](#).

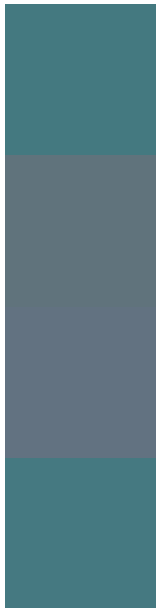
Dichromacy





Tritanopia
457982

Trichromacy



Original Color
447980

Protanomaly
60737C

Deuteranomaly
627281

Tritanomaly
457981

Monochromacy



Original Color
447980

Achromatopsia
6A6A6A

Achromatomaly
5C6F72

CSS Examples

Text

The CSS property to change the color of the text to Hex 447980 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 #447980 looks like.

```
.text, #text, p{  
    color:#447980  
}
```

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 #447980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #447980
}
```

Border

The CSS property to change the border of an element to Hex 447980 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
#447980 }
```

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

```
.border{ border-color:#447980 }
```

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

Here you see how a box with a 4 pixel #447980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #447980; -webkit-box-shadow:4px 4px  
4px 4px #447980; box-shadow:4px 4px 4px  
4px #447980 }
```

Background

The CSS property to change the background color of an element to Hex 447980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#447980 }
```

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

```
.background{ background-color:#447980 }
```

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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