

Converting Colors

Hex(4F7982)

Have a look what the booklet for
Hex(4F7982) contains.

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Color

Hex(4F7982)

Conversions

Conversions Part 1

Format	Color
Hex	4F7982
RGB	79, 121, 130
RGB Percent	31%, 47%, 51%
CMY	0.6902, 0.5255, 0.4902
CMYK	0.39, 0.07, 0.00, 0.49
HSL	191°, 24%, 41%
HSV	191°, 39%, 51%
XYZ	14.0911, 16.9487, 23.6478
YIQ	109.4680, -27.9210, -6.1050

Conversions

Conversions Part 2

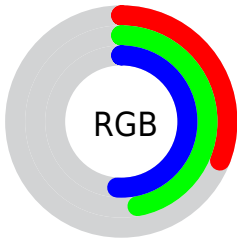
Format	Color
R_{YB}	79, 102, 130
Decimal	5208450
CIE _{Lab}	48.20, -12.07, -9.54
CIE _{LCh}	48, 15.387, 218.305
Yxy	16.9487, 0.2577, 0.3099
Android (android.graphics.Color)	4283398530 (0xFF4F7982)
YUV	109.4680, 10.1223, -26.7204
Hunter-Lab	41.1688, -10.9492, -5.2387

Details

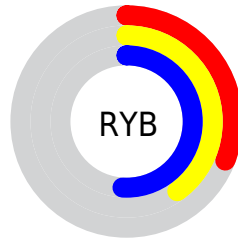
The Hex color **4F7982** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **82584F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **82ADB7**, and **1D4851** is the 20% darker color. If you saturate the color by 10%, you get **427782**, and if you desaturate by 10%, it is **5C7B82**.

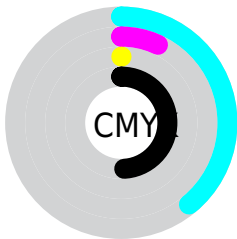
Distribution



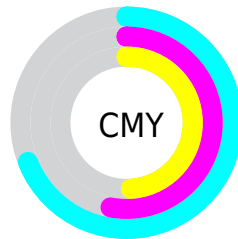
- Red (31%)
- Green (47%)
- Blue (51%)



- Red (31%)
- Yellow (40%)
- Blue (51%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (49%)



- Cyan (69%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7982 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 4F7982 by changing the saturation by 10% instead.



4F7982



4F7982

FFFFFF



366069



82ADB7



1D4851



9DC9D3



00323A



B9E5EF



001D24



D5FFFF



00010F



F2FFFF



000000



4F7982



4F7982



427782



5C7B82



357482



697E82

■ 287282

■ 768082

■ 1B7082

■ 838282

■ 0E6E82

■ 908482

■ 016B82

■ 9D8782

■ 006B82

■ AA8982

■ B78B82

■ C48E82

Harmonies

Analogous

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



517A76



4F7982



58768A

Triad

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



4F7982



866A7C



797359

Complementary

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



4F7982



82584F

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.



856E5B



4F7982



8D696F

Square

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



4F7982



796E87



8C6B63



6A775E

Rectangle

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



4F7982



62748C



8C6B63



7D7159

Sweetspot

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



4F7982



94A5A8



4F8258



485254



D4D4D4



545454

Same Dimension

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



4F7982



599AA8



4F6082



393F40



006980



000000

Inverse Universe

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



824F79



A8599A



82714F



40393F



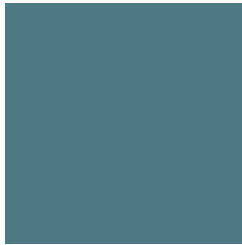
800069



000000

Previews

White Background



This preview shows how the Hex color 4F7982 looks on a white background.

Color Contrast Check

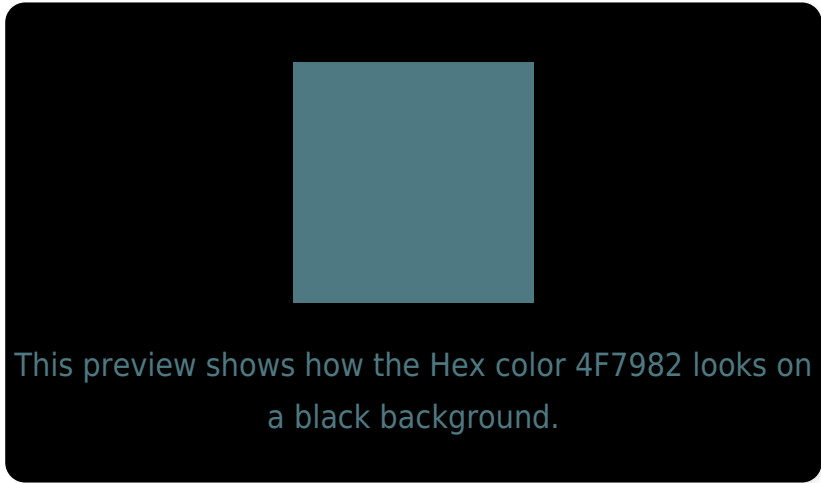
Large Text (above 18pt) WCAG AA ✓ Pass

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

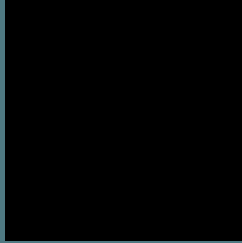
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

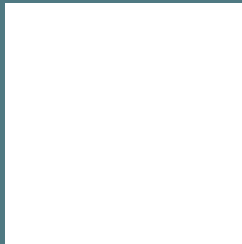
Any Text WCAG AAA × Fail

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

Hex 4F7982 Background



This preview shows how black text looks on a background with the Hex color 4F7982.



This preview shows how white text looks on a background with the Hex color 4F7982.

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



Original Color
4F7982

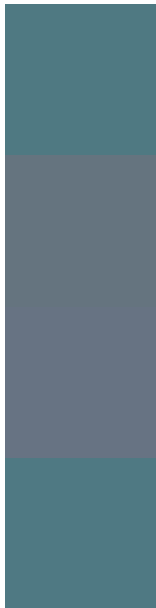
Protanopia
71717D

Deuteranopia
746F84



Tritanopia
4F7983

Trichromacy



Original Color
4F7982

Protanomaly
65747F

Deuteranomaly
677383

Tritanomaly
4F7983

Monochromacy



Original Color
4F7982

Achromatopsia
6D6D6D

Achromatomaly
627175

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7982 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 #4F7982 looks like.

```
.text, #text, p{  
    color:#4F7982  
}
```

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 #4F7982 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7982
}
```

Border

The CSS property to change the border of an element to Hex 4F7982 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
#4F7982 }
```

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

```
.border{ border-color:#4F7982 }
```

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

Here you see how a box with a 4 pixel #4F7982 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7982; -webkit-box-shadow:4px 4px  
4px 4px #4F7982; box-shadow:4px 4px 4px  
4px #4F7982 }
```

Background

The CSS property to change the background color of an element to Hex 4F7982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7982 }
```

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

```
.background{ background-color:#4F7982 }
```

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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