

Converting Colors

Hex(4D727F)

Have a look what the booklet for
Hex(4D727F) contains.

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Color

Hex(4D727F)

Conversions

Conversions Part 1

Format	Color
Hex	4D727F
RGB	77, 114, 127
RGB Percent	30%, 45%, 50%
CMY	0.6980, 0.5529, 0.5020
CMYK	0.39, 0.10, 0.00, 0.50
HSL	196°, 25%, 40%
HSV	196°, 39%, 50%
XYZ	12.9086, 15.1447, 22.3215
YIQ	104.4190, -26.2250, -3.8010

Conversions

Conversions Part 2

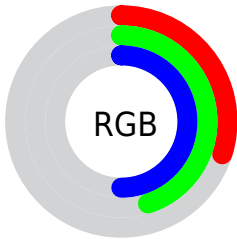
Format	Color
RYB	77, 98, 127
Decimal	5075583
CIELab	45.83, -9.51, -11.32
CIELCh	46, 14.783, 229.983
Yxy	15.1447, 0.2563, 0.3006
Android (android.graphics.Color)	4283265663 (0xFF4D727F)
YUV	104.4190, 11.1324, -24.0465
Hunter-Lab	38.9162, -8.8943, -6.7662

Details

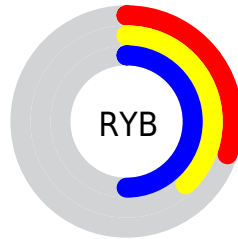
The Hex color **4D727F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F5A4D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **80A6B4**, and **1B424E** is the 20% darker color. If you saturate the color by 10%, you get **406F7F**, and if you desaturate by 10%, it is **5A757F**.

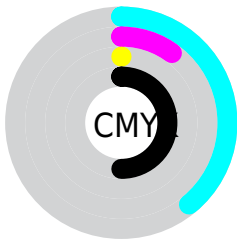
Distribution



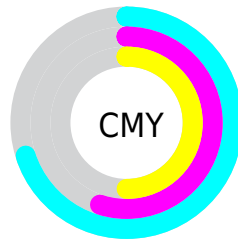
- Red (30%)
- Green (45%)
- Blue (50%)



- Red (30%)
- Yellow (38%)
- Blue (50%)



- Cyan (39%)
- Magenta (10%)
- Yellow (0%)
- Black (50%)



- Cyan (70%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D727F 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 4D727F by changing the saturation by 10% instead.



4D727F



4D727F

FFFFFF



345966



80A6B4



1B424E



9BC1CF



002C37



B6DDEB



001822



D2F9FF



00000A



FFFFFF



000000



4D727F



4D727F



406F7F



5A757F



346B7F



66797F

■ 27687F

■ 737C7F

■ 1A657F

■ 807F7F

■ 0E617F

■ 8D837F

■ 015E7F

■ 99867F

■ 005E7F

■ A6897F

■ B38C7F

■ BF907F

Harmonies

Analogous

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



4B7474



4D727F



596F85

Triad

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



4D727F



836471



6D6E55

Complementary

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



4D727F



7F5A4D

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.



7A6A54



4D727F



866465

Square

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



4D727F



78677D



83665A



5F725C

Rectangle

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



4D727F



646C85



83665A



726D54

Sweetspot

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



4D727F



92A1A6



4D7F5A



485154



D4D4D4



545454

Same Dimension

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



4D727F



5891A6



4D5A7F



393E40



005E80



000000

Inverse Universe

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



7F4D72



A65891



7F724D



40393E



80005E



000000

Previews

White Background



This preview shows how the Hex color 4D727F looks on a white background.

Color Contrast Check

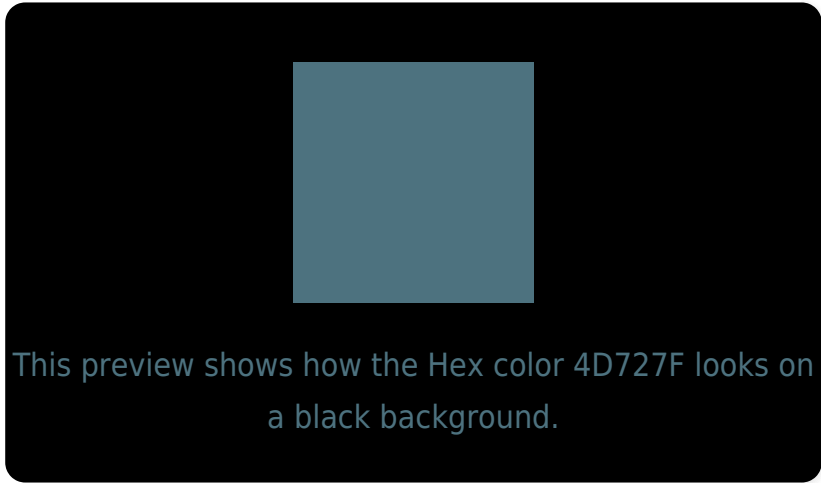
Large Text (above 18pt) WCAG AA ✓ Pass

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

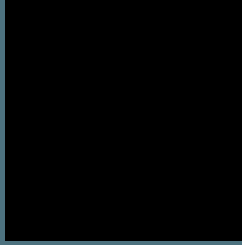
Any Text WCAG AA × Fail

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 4D727F Background



This preview shows how black text looks on a background with the Hex color 4D727F.

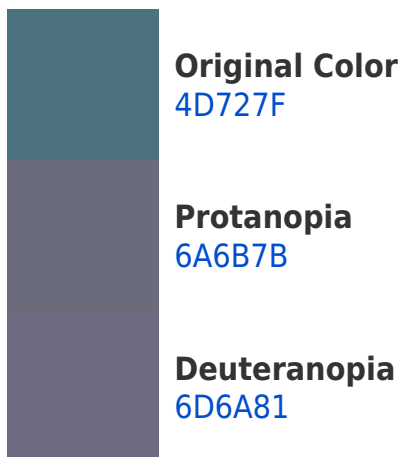


This preview shows how white text looks on a background with the Hex color 4D727F.

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](#).

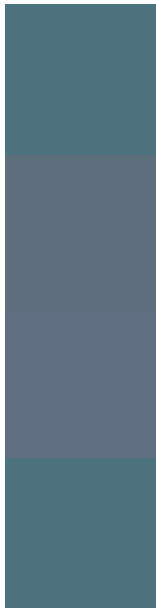
Dichromacy





Tritanopia
4C737C

Trichromacy



Original Color
4D727F

Protanomaly
5F6E7C

Deuteranomaly
616D80

Tritanomaly
4C737D

Monochromacy



Original Color
4D727F

Achromatopsia
686868

Achromatomaly
5E6C70

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D727F 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 #4D727F looks like.

```
.text, #text, p{  
    color:#4D727F  
}
```

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 #4D727F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D727F
}
```

Border

The CSS property to change the border of an element to Hex 4D727F 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
#4D727F }
```

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

```
.border{ border-color:#4D727F }
```

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

Here you see how a box with a 4 pixel #4D727F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D727F; -webkit-box-shadow:4px 4px  
4px 4px #4D727F; box-shadow:4px 4px 4px  
4px #4D727F }
```

Background

The CSS property to change the background color of an element to Hex 4D727F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D727F }
```

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

```
.background{ background-color:#4D727F }
```

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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