

Converting Colors

Hex(4D767F)

Have a look what the booklet for
Hex(4D767F) contains.

Hex(4D767F)	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(4D767F)

Conversions

Conversions Part 1

Format	Color
Hex	4D767F
RGB	77, 118, 127
RGB Percent	30%, 46%, 50%
CMY	0.6980, 0.5373, 0.5020
CMYK	0.39, 0.07, 0.00, 0.50
HSL	191°, 25%, 40%
HSV	191°, 39%, 50%
XYZ	13.3698, 16.0670, 22.4752
YIQ	106.7670, -27.3250, -5.8930

Conversions

Conversions Part 2

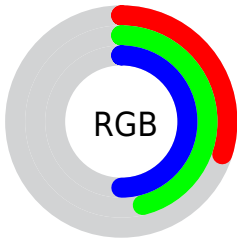
Format	Color
RYB	77, 100, 127
Decimal	5076607
CIELab	47.06, -11.78, -9.47
CIELCh	47, 15.119, 218.786
Yxy	16.0670, 0.2575, 0.3095
Android (android.graphics.Color)	4283266687 (0xFF4D767F)
YUV	106.7670, 9.9749, -26.1057
Hunter-Lab	40.0836, -10.6082, -5.1859

Details

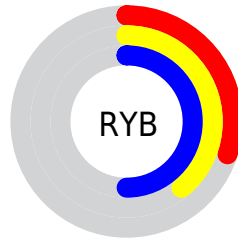
The Hex color **4D767F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F564D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **80AAB4**, and **1B464E** is the 20% darker color. If you saturate the color by 10%, you get **40747F**, and if you desaturate by 10%, it is **5A787F**.

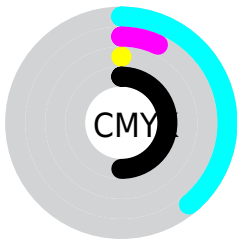
Distribution



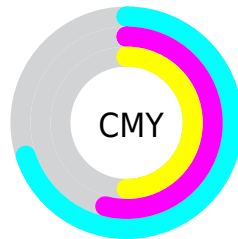
- Red (30%)
- Green (46%)
- Blue (50%)



- Red (30%)
- Yellow (39%)
- Blue (50%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (50%)



- Cyan (70%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D767F 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 4D767F by changing the saturation by 10% instead.

■ 4D767F

■ 4D767F

FFFFFF

■ 345D66

■ 80AAB4

■ 1B464E

■ 9BC5CF

■ 002F37

■ B6E2EB

■ 001B22

■ D2FEFF

■ 00000B

■ EFFFFFF

■ 000000

■ 4D767F

■ 4D767F

■ 40747F

■ 5A787F

■ 34717F

■ 667B7F

■ 276F7F

■ 737D7F

■ 1A6D7F

■ 807F7F

■ 0E6B7F

■ 8D817F

■ 01687F

■ 99847F

■ 00687F

■ A6867F

■ B3887F

■ BF8B7F

Harmonies

Analogous

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



4F7773



4D767F



567387

Triad

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



4D767F



836879



757057

Complementary

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



4D767F



7F564D

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.



816C58



4D767F



8A676C

Square

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



4D767F



766B83



896860



67745C

Rectangle

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



4D767F



607189



896860



7A6F56

Sweetspot

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



4D767F



92A2A6



4D7F55



485254



D4D4D4



545454

Same Dimension

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



4D767F



5898A6



4D5E7F



393F40



006980



000000

Inverse Universe

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



7F4D76



A65898



7F6E4D



40393F



800069



000000

Previews

White Background



This preview shows how the Hex color 4D767F looks on a white background.

Color Contrast Check

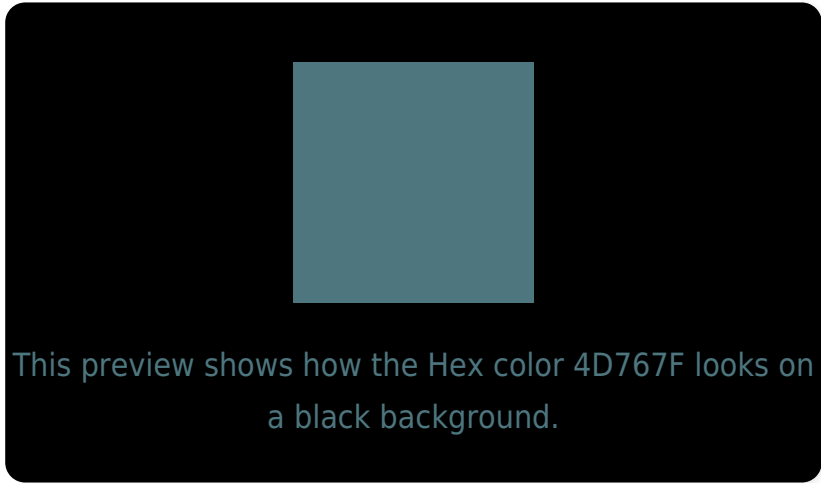
Large Text (above 18pt) WCAG AA ✓ Pass

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

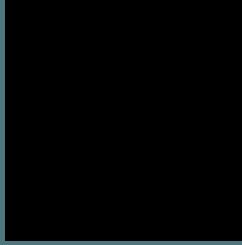
Any Text WCAG AA × Fail

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 4D767F Background



This preview shows how black text looks on a background with the Hex color 4D767F.



This preview shows how white text looks on a background with the Hex color 4D767F.

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
4D767F

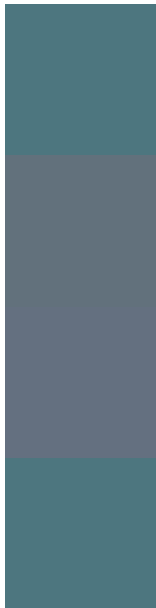
Protanopia
6E6E7A

Deuteranopia
716C81



Tritanopia
4D767F

Trichromacy



Original Color
4D767F

Protanomaly
62717C

Deuteranomaly
647080

Tritanomaly
4D767F

Monochromacy



Original Color
4D767F

Achromatopsia
6B6B6B

Achromatomaly
606F72

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D767F 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 #4D767F looks like.

```
.text, #text, p{  
    color:#4D767F  
}
```

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 #4D767F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D767F
}
```

Border

The CSS property to change the border of an element to Hex 4D767F 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
#4D767F }
```

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

```
.border{ border-color:#4D767F }
```

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

Here you see how a box with a 4 pixel #4D767F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D767F; -webkit-box-shadow:4px 4px  
4px 4px #4D767F; box-shadow:4px 4px 4px  
4px #4D767F }
```

Background

The CSS property to change the background color of an element to Hex 4D767F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D767F }
```

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

```
.background{ background-color:#4D767F }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor