

Converting Colors

Hex(49727F)

Have a look what the booklet for
Hex(49727F) contains.

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Color

Hex(49727F)

Conversions

Conversions Part 1

Format	Color
Hex	49727F
RGB	73, 114, 127
RGB Percent	29%, 45%, 50%
CMY	0.7137, 0.5529, 0.5020
CMYK	0.43, 0.10, 0.00, 0.50
HSL	194°, 27%, 39%
HSV	194°, 43%, 50%
XYZ	12.5957, 14.9834, 22.3069
YIQ	103.2230, -28.6090, -4.6490

Conversions

Conversions Part 2

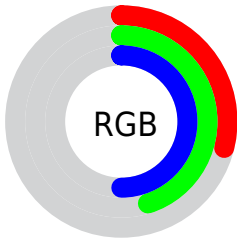
Format	Color
RYB	73, 96, 127
Decimal	4813439
CIELab	45.61, -10.65, -11.68
CIElCh	46, 15.803, 227.631
Yxy	14.9834, 0.2525, 0.3004
Android (android.graphics.Color)	4283003519 (0xFF49727F)
YUV	103.2230, 11.7221, -26.5056
Hunter-Lab	38.7084, -9.6557, -7.0718

Details

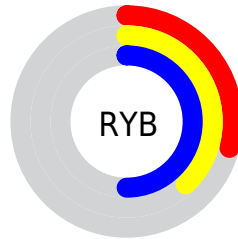
The Hex color **49727F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F5649**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7CA6B4**, and **16424E** is the 20% darker color. If you saturate the color by 10%, you get **3C6F7F**, and if you desaturate by 10%, it is **56757F**.

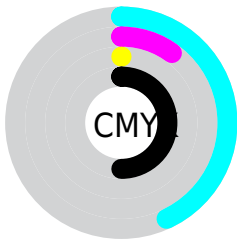
Distribution



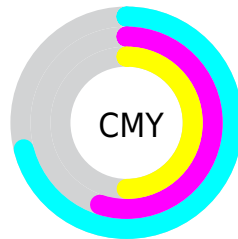
- Red (29%)
- Green (45%)
- Blue (50%)



- Red (29%)
- Yellow (38%)
- Blue (50%)



- Cyan (43%)
- Magenta (10%)
- Yellow (0%)
- Black (50%)



- Cyan (71%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49727F 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 49727F by changing the saturation by 10% instead.

■ 49727F

■ 49727F

FFFFFF

■ 305966

■ 7CA6B4

■ 16424E

■ 97C1CF

■ 002C37

■ B2DDEB

■ 001822

■ CEFAFF

■ 00000A

■ EBFFFF

■ 000000

■ 49727F

■ 49727F

■ 3C6F7F

■ 56757F

■ 306C7F

■ 62787F

■ 23697F

■ 6F7B7F

■ 16667F

■ 7C7E7F

■ 0A637F

■ 89817F

■ 00607F

■ 95847F

■ A2877F

■ AF8A7F

■ BB8E7F

Harmonies

Analogous

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



487373



49727F



556F85

Triad

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



49727F



836372



6E6E53

Complementary

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



49727F



7F5649

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.



7B6952



49727F



876365

Square

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



49727F



78667E



846559



5F715A

Rectangle

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



49727F



616C86



846559



736C52

Sweetspot

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



49727F



90A1A6



497F56



475154



D4D4D4



545454

Same Dimension

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



49727F



5191A6



49577F



393E40



006180



000000

Inverse Universe

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



7F4972



A65191



7F7149



40393E



800061



000000

Previews

White Background



This preview shows how the Hex color 49727F looks on a white background.

Color Contrast Check

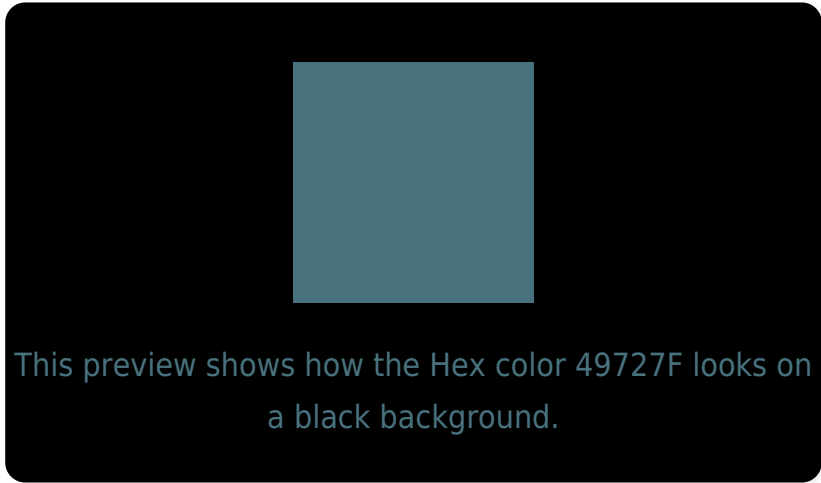
Large Text (above 18pt) WCAG AA ✓ Pass

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

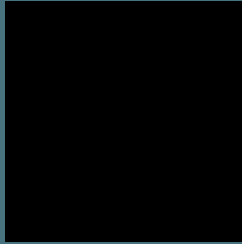
Any Text WCAG AA × Fail

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 49727F Background



This preview shows how black text looks on a background with the Hex color 49727F.

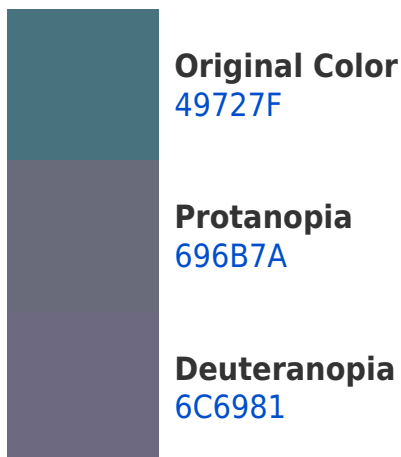



This preview shows how white text looks on a background with the Hex color 49727F.

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](#).

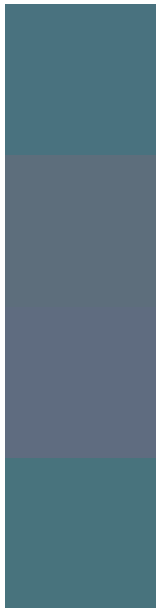
Dichromacy





Tritanopia
48737C

Trichromacy



Original Color
49727F

Protanomaly
5D6E7C

Deuteranomaly
5F6C80

Tritanomaly
48737D

Monochromacy



Original Color
49727F

Achromatopsia
676767

Achromatomaly
5C6B70

CSS Examples

Text

The CSS property to change the color of the text to Hex 49727F 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 #49727F looks like.

```
.text, #text, p{  
    color:#49727F  
}
```

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 #49727F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49727F
}
```

Border

The CSS property to change the border of an element to Hex 49727F 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
#49727F }
```

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

```
.border{ border-color:#49727F }
```

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

Here you see how a box with a 4 pixel #49727F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49727F; -webkit-box-shadow:4px 4px  
4px 4px #49727F; box-shadow:4px 4px 4px  
4px #49727F }
```

Background

The CSS property to change the background color of an element to Hex 49727F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49727F }
```

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

```
.background{ background-color:#49727F }
```

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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