

Converting Colors

Hex(72767F)

Have a look what the booklet for
Hex(72767F) contains.

Hex(72767F)	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(72767F)

Conversions

Conversions Part 1

Format	Color
Hex	72767F
RGB	114, 118, 127
RGB Percent	45%, 46%, 50%
CMY	0.5529, 0.5373, 0.5020
CMYK	0.10, 0.07, 0.00, 0.50
HSL	222°, 5%, 47%
HSV	222°, 10%, 50%
XYZ	17.2486, 18.0666, 22.6568
YIQ	117.8300, -5.2730, 1.9510

Conversions

Conversions Part 2

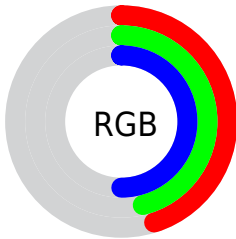
Format	Color
R_{YB}	114, 117, 127
Decimal	7501439
CIE _{Lab}	49.58, 0.42, -5.45
CIE _{LCh}	50, 5.469, 274.418
Yxy	18.0666, 0.2975, 0.3116
Android (android.graphics.Color)	4285691519 (0xFF72767F)
YUV	117.8300, 4.5208, -3.3589
Hunter-Lab	42.5048, -1.9473, -1.8506

Details

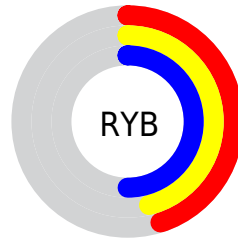
The Hex color **72767F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7F7B72**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A6AAB4**, and **42464E** is the 20% darker color. If you saturate the color by 10%, you get **656D7F**, and if you desaturate by 10%, it is **7F7F7F**.

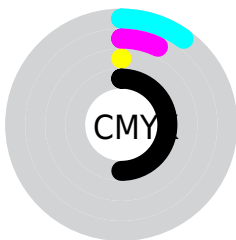
Distribution



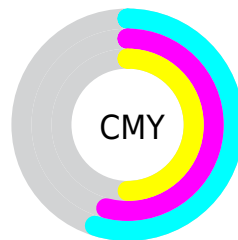
- Red (45%)
- Green (46%)
- Blue (50%)



- Red (45%)
- Yellow (46%)
- Blue (50%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (50%)



- Cyan (55%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72767F 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 72767F by changing the saturation by 10% instead.



72767F



72767F

FFFFFF



595D66



A6AAB4



42464E



C1C5CF



2C3037



DDE1EB



171B22



F9FEFF



00000B



000000



72767F



72767F



656D7F



7F7F7F



59647F



8B887F

■ 4C5C7F

■ 98907F

■ 3F537F

■ A5997F

■ 334A7F

■ B2A27F

■ 26417F

■ BEAB7F

■ 19387F

■ CBB47F

■ 0C307F

■ D8BC7F

■ 00277F

■ E4C57F

Harmonies

Analogous

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



6D777E



72767F



78747D

Triad

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



72767F



807371



6F7872

Complementary

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



72767F



7F7B72

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.



74776E



72767F



7E746E

Square

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



72767F



807375



79766D



6B7976

Rectangle

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



72767F



7B747B



79766D



707870

Sweetspot

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



72767F



A1A2A6



727F7B



515254



D4D4D4



545454

Same Dimension

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



72767F



9298A6



74727F



393B40



002780



000000

Inverse Universe

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



7F7276



A69298



7D7F72



40393B



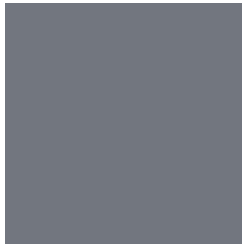
800027



000000

Previews

White Background



This preview shows how the Hex color 72767F looks on a white background.

Color Contrast Check

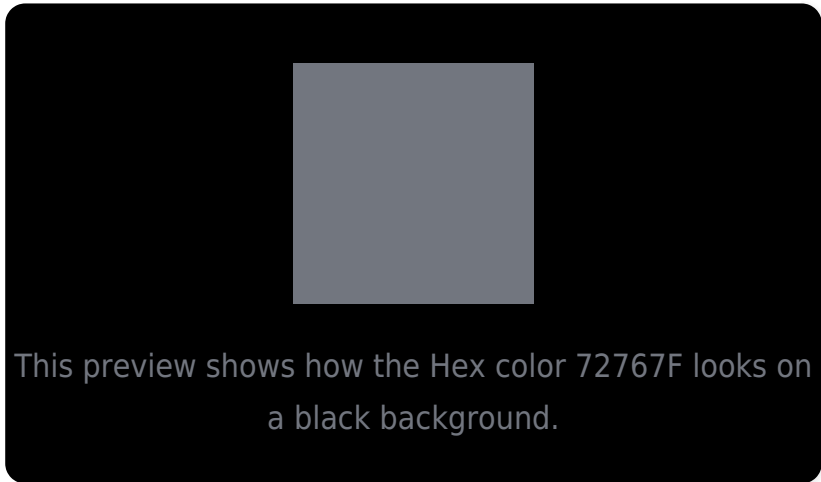
Large Text (above 18pt) WCAG AA ✓ Pass

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

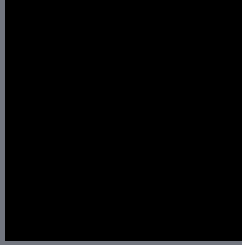
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

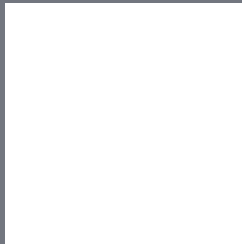
Any Text WCAG AAA × Fail

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

Hex 72767F Background



This preview shows how black text looks on a background with the Hex color 72767F.



This preview shows how white text looks on a background with the Hex color 72767F.

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
72767F

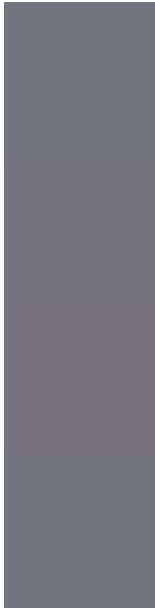
Protanopia
75757E

Deuteranopia
7D7280



Tritanopia
72767F

Trichromacy



Original Color

72767F

Protanomaly

74757E

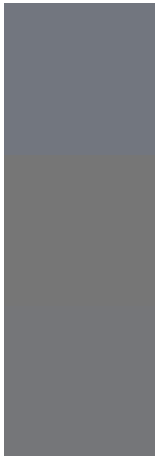
Deuteranomaly

797380

Tritanomaly

72767F

Monochromacy



Original Color

72767F

Achromatopsia

767676

Achromatomaly

757679

CSS Examples

Text

The CSS property to change the color of the text to Hex 72767F 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 #72767F looks like.

```
.text, #text, p{  
    color:#72767F  
}
```

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 #72767F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72767F
}
```

Border

The CSS property to change the border of an element to Hex 72767F 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
#72767F }
```

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

```
.border{ border-color:#72767F }
```

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

Here you see how a box with a 4 pixel #72767F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72767F; -webkit-box-shadow:4px 4px  
4px 4px #72767F; box-shadow:4px 4px 4px  
4px #72767F }
```

Background

The CSS property to change the background color of an element to Hex 72767F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72767F }
```

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

```
.background{ background-color:#72767F }
```

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