

Converting Colors

Hex(78686C)

Have a look what the booklet for
Hex(78686C) contains.

| | |
|--|----|
| Hex(78686C) | 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(78686C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 78686C |
| RGB | 120, 104, 108 |
| RGB Percent | 47%, 41%, 42% |
| CMY | 0.5294, 0.5922, 0.5765 |
| CMYK | 0.00, 0.13, 0.10, 0.53 |
| HSL | 345°, 7%, 44% |
| HSV | 345°, 13%, 47% |
| XYZ | 15.4028, 14.9764, 16.2663 |
| YIQ | 109.2400, 8.2520, 4.6360 |

Conversions

Conversions Part 2

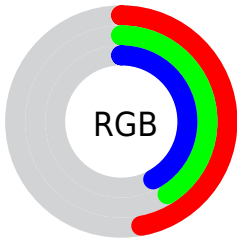
| Format | Color |
|-------------------------------------|--|
| RYB | 120, 104, 108 |
| Decimal | 7891052 |
| CIELab | 45.60, 7.07, 0.09 |
| CIELCh | 46, 7.074, 0.713 |
| Yxy | 14.9764, 0.3302, 0.3211 |
| Android (android.graphics.Color) | 4286081132 (0xFF78686C) |
| YUV | 109.2400, -0.6113, 9.4365 |
| Hunter-Lab | 38.6994, 3.3213, 2.1685 |

Details

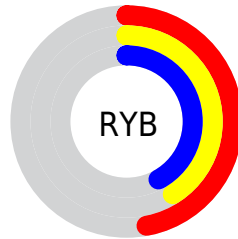
The Hex color **78686C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **687874**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **AC9B9F**, and **47393D** is the 20% darker color. If you saturate the color by 10%, you get **785C63**, and if you desaturate by 10%, it is **787475**.

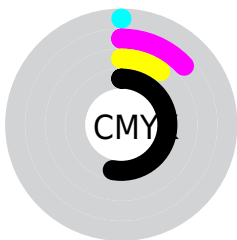
Distribution



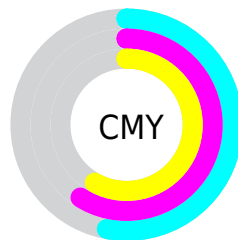
- Red (47%)
- Green (41%)
- Blue (42%)



- Red (47%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (53%)



- Cyan (53%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78686C 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 78686C by changing the saturation by 10% instead.



78686C



78686C

FFFFFF



5F5054



AC9B9F



47393D



C8B6BA



312327



E4D2D6



1C0E12



FFEEF2



000000



78686C



78686C



785C63



787475



78505A



78807E



784451



788C87

783848

789890

782C3F

78A499

782036

78B0A2

78142D

78BCAB

780824

78C8B4

78001E

78D4BD

Harmonies

Analogous

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



746972



78686C



796866

Triad

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



78686C



6A6D62



606E76

Complementary

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



78686C



687874

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.



5D6F72



78686C



636F66

Square

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



78686C



716C60



5F706C



666C78

Rectangle

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



78686C



776963



5F706C



5F6F75

Sweetspot

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



78686C



9C9597



746878



4F4B4C



CFCFCF



4F4F4F

Same Dimension

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



78686C



9C8389



786C68



3D3739



7D001F



FC003F

Inverse Universe

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



78686C



9C8389



687478



3D3739



7D001F



FC003F

Previews

White Background



This preview shows how the Hex color 78686C looks on a white background.

Color Contrast Check

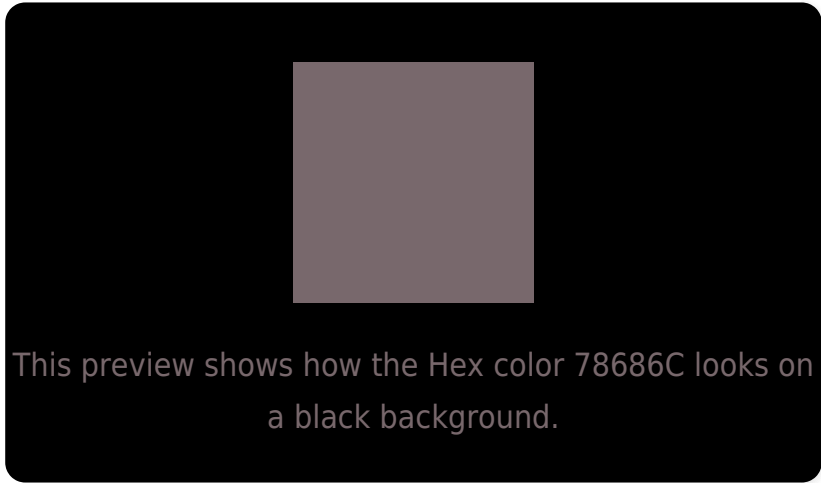
Large Text (above 18pt) WCAG AA ✓ Pass

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

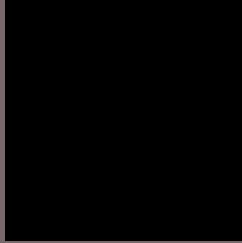
Any Text WCAG AA × Fail

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 78686C Background



This preview shows how black text looks on a background with the Hex color 78686C.



This preview shows how white text looks on a background with the Hex color 78686C.

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
78686C

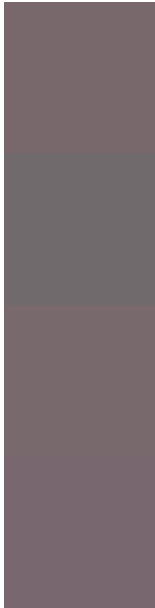
Protanopia
6D6B6E

Deuteranopia
76696C



Tritanopia
786770

Trichromacy



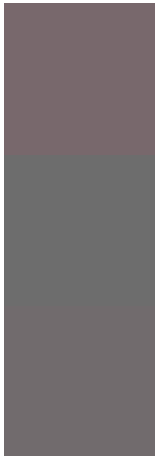
Original Color
78686C

Protanomaly
716A6D

Deuteranomaly
77696C

Tritanomaly
78676F

Monochromacy



Original Color
78686C

Achromatopsia
6D6D6D

Achromatomaly
716B6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 78686C 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 #78686C looks like.

```
.text, #text, p{  
    color:#78686C  
}
```

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 #78686C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78686C
}
```

Border

The CSS property to change the border of an element to Hex 78686C is called "border". The border property can be set on classes, ids or directly on the HTML element.

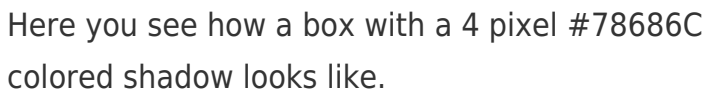
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78686C }
```

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

```
.border{ border-color:#78686C }
```

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



Here you see how a box with a 4 pixel #78686C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78686C; -webkit-box-shadow:4px 4px  
4px 4px #78686C; box-shadow:4px 4px 4px  
4px #78686C }
```

Background

The CSS property to change the background color of an element to Hex 78686C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78686C }
```

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

```
.background{ background-color:#78686C }
```

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