

Converting Colors

Hex(76868D)

Have a look what the booklet for
Hex(76868D) contains.

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Color

Hex(76868D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 76868D |
| RGB | 118, 134, 141 |
| RGB Percent | 46%, 53%, 55% |
| CMY | 0.5373, 0.4745, 0.4471 |
| CMYK | 0.16, 0.05, 0.00, 0.45 |
| HSL | 198°, 9%, 51% |
| HSV | 198°, 16%, 55% |
| XYZ | 20.8040, 22.8248, 28.5084 |
| YIQ | 130.0140, -11.7830, -1.2150 |

Conversions

Conversions Part 2

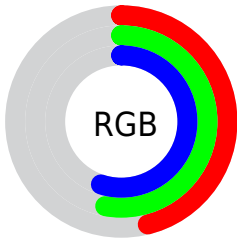
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 118, 127, 141 |
| Decimal | 7767693 |
| CIE _{Lab} | 54.89, -4.24, -5.72 |
| CIE _{LCh} | 55, 7.121, 233.470 |
| Yxy | 22.8248, 0.2884, 0.3164 |
| Android (android.graphics.Color) | 4285957773 (0xFF76868D) |
| YUV | 130.0140, 5.4161, -10.5363 |
| Hunter-Lab | 47.7753, -5.8781, -1.9367 |

Details

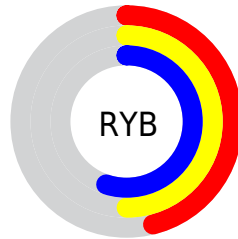
The Hex color **76868D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D7D76**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **AABBC3**, and **45545B** is the 20% darker color. If you saturate the color by 10%, you get **68828D**, and if you desaturate by 10%, it is **848A8D**.

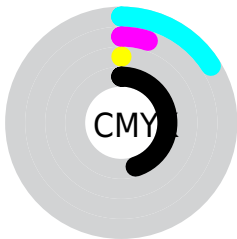
Distribution



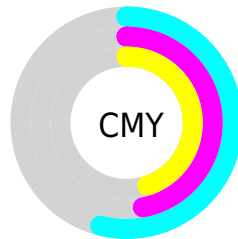
- Red (46%)
- Green (53%)
- Blue (55%)



- Red (46%)
- Yellow (50%)
- Blue (55%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (45%)



- Cyan (54%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76868D 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 76868D by changing the saturation by 10% instead.

■ 76868D

■ 76868D

FFFFFF

■ 5D6D73

■ AABBC3

■ 45545B

■ C6D7DE

■ 2F3D43

■ E2F3FB

■ 19282D

FEFFFF

■ 001319

■ 000000

■ 76868D

■ 76868D

■ 68828D

■ 848A8D

■ 5A7D8D

■ 928F8D

4C798D

A0938D

3E758D

AE978D

30718D

BD9B8D

216C8D

CBA08D

13688D

D9A48D

05648D

E7A88D

00628D

F5AD8D

Harmonies

Analogous

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



748788



76868D



7C848F

Triad

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



76868D



8F7F85



838478

Complementary

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



76868D



8D7D76

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.



8A8277



76868D



917F7F

Square

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



76868D



8A808B



8F817A



7C867C

Rectangle

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



76868D



80838F



8F817A



868477

Sweetspot

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



76868D



AEB5B8



768D7D



565A5C



DBDBDB



5C5C5C

Same Dimension

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



76868D



93ACB8



767B8D



404547



005E87



000508

Inverse Universe

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



8D7686



B893AC



8D8876



474045



87005E



080005

Previews

White Background



This preview shows how the Hex color 76868D looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

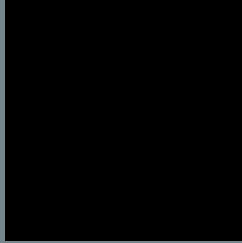
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

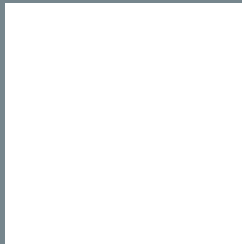
Any Text WCAG AAA × Fail

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

Hex 76868D Background



This preview shows how black text looks on a background with the Hex color 76868D.



This preview shows how white text looks on a background with the Hex color 76868D.

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

76868D

Protanopia

83828B

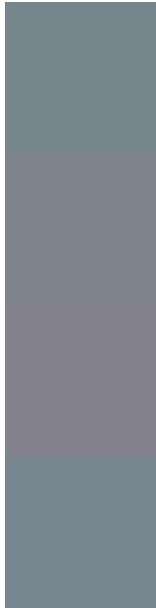
Deuteranopia

8B7F8E



Tritanopia
778690

Trichromacy



Original Color
76868D

Protanomaly
7E838C

Deuteranomaly
83828E

Tritanomaly
77868F

Monochromacy



Original Color
76868D

Achromatopsia
828282

Achromatomaly
7E8386

CSS Examples

Text

The CSS property to change the color of the text to Hex 76868D 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 #76868D looks like.

```
.text, #text, p{  
    color:#76868D  
}
```

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 #76868D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76868D
}
```

Border

The CSS property to change the border of an element to Hex 76868D 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
#76868D }
```

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

```
.border{ border-color:#76868D }
```

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

Here you see how a box with a 4 pixel #76868D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76868D; -webkit-box-shadow:4px 4px  
4px 4px #76868D; box-shadow:4px 4px 4px  
4px #76868D }
```

Background

The CSS property to change the background color of an element to Hex 76868D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76868D }
```

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

```
.background{ background-color:#76868D }
```

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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