

Converting Colors

Hex(76828A)

Have a look what the booklet for
Hex(76828A) contains.

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Color

Hex(76828A)

Conversions

Conversions Part 1

Format	Color
Hex	76828A
RGB	118, 130, 138
RGB Percent	46%, 51%, 54%
CMY	0.5373, 0.4902, 0.4588
CMYK	0.14, 0.06, 0.00, 0.46
HSL	204°, 8%, 50%
HSV	204°, 14%, 54%
XYZ	20.0413, 21.6518, 27.1677
YIQ	127.3240, -9.7200, -0.0560

Conversions

Conversions Part 2

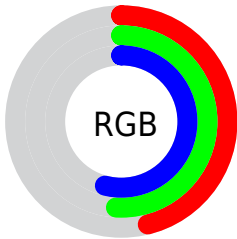
Format	Color
R_{YB}	118, 126, 138
Decimal	7766666
CIE _{Lab}	53.66, -2.64, -5.81
CIE _{LCh}	54, 6.386, 245.580
Yxy	21.6518, 0.2910, 0.3144
Android (android.graphics.Color)	4285956746 (0xFF76828A)
YUV	127.3240, 5.2633, -8.1771
Hunter-Lab	46.5315, -4.5495, -2.0448

Details

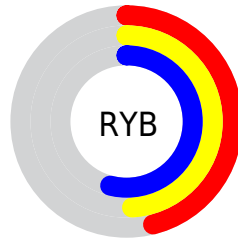
The Hex color **76828A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8A7E76**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **AAB7BF**, and **455158** is the 20% darker color. If you saturate the color by 10%, you get **687C8A**, and if you desaturate by 10%, it is **84888A**.

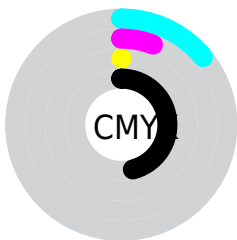
Distribution



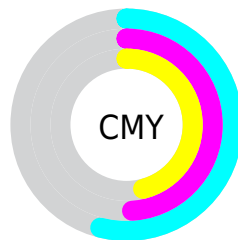
- Red (46%)
- Green (51%)
- Blue (54%)



- Red (46%)
- Yellow (49%)
- Blue (54%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (46%)



- Cyan (54%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76828A 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 76828A by changing the saturation by 10% instead.



76828A



76828A

FFFFFF



5D6971



AAB7BF



455158



C6D2DB



2F3A41



E2EFF8



1A242B

FEFFFF



000F17



000000



76828A



76828A



687C8A



84888A



5A778A



928D8A

4D718A

9F938A

3F6C8A

AD988A

31668A

BB9E8A

23618A

C9A38A

155B8A

D7A98A

08568A

E4AE8A

00538A

F2B48A

Harmonies

Analogous

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



738386



76828A



7C808B

Triad

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



76828A



8C7D7F



7D8277

Complementary

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



76828A



8A7E76

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.



848075



76828A



8C7D7A

Square

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



76828A



887D85



897E76



77837B

Rectangle

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



76828A



807F8A



897E76



808176

Sweetspot

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



76828A



ABB0B3



768A7E



555759



D9D9D9



595959

Same Dimension

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



76828A



94A6B3



76788A



3E4245



005085



000305

Inverse Universe

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



8A7682



B394A6



8A8876



453E42



850050



050003

Previews

White Background



This preview shows how the Hex color 76828A 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

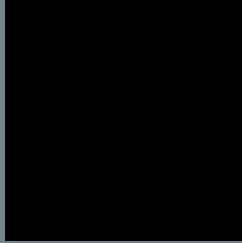
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

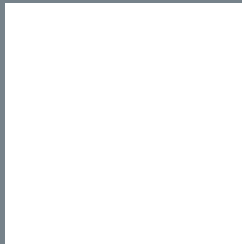
Any Text WCAG AAA × Fail

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

Hex 76828A Background



This preview shows how black text looks on a background with the Hex color 76828A.



This preview shows how white text looks on a background with the Hex color 76828A.

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](#).

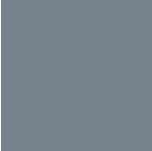
Dichromacy



Original Color
76828A

Protanopia
807F88

Deuteranopia
877C8B



Tritanopia
76828C

Trichromacy



Original Color

76828A

Protanomaly

7C8089

Deuteranomaly

817E8B

Tritanomaly

76828B

Monochromacy



Original Color

76828A

Achromatopsia

7F7F7F

Achromatomaly

7C8083

CSS Examples

Text

The CSS property to change the color of the text to Hex 76828A 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 #76828A looks like.

```
.text, #text, p{  
    color:#76828A  
}
```

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 #76828A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76828A
}
```

Border

The CSS property to change the border of an element to Hex 76828A 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
#76828A }
```

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

```
.border{ border-color:#76828A }
```

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

Here you see how a box with a 4 pixel #76828A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76828A; -webkit-box-shadow:4px 4px  
4px 4px #76828A; box-shadow:4px 4px 4px  
4px #76828A }
```

Background

The CSS property to change the background color of an element to Hex 76828A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76828A }
```

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

```
.background{ background-color:#76828A }
```

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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