

# Converting Colors

Hex(72788F)

Have a look what the booklet for  
Hex(72788F) contains.

<b>Hex(72788F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(72788F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72788F
RGB	114, 120, 143
RGB Percent	45%, 47%, 56%
CMY	0.5529, 0.5294, 0.4392
CMYK	0.20, 0.16, 0.00, 0.44
HSL	228°, 11%, 50%
HSV	228°, 20%, 56%
XYZ	18.6138, 18.9935, 28.6717
YIQ	120.8280, -10.9590, 5.8810

# Conversions

## Conversions Part 2

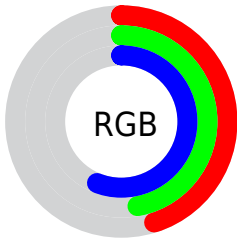
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 119, 143
Decimal	7501967
CIE Lab	50.68, 2.95, -13.23
CIE LCh	51, 13.551, 282.561
Yxy	18.9935, 0.2808, 0.2866
Android (android.graphics.Color)	4285692047 (0xFF72788F)
YUV	120.8280, 10.9308, -5.9882
Hunter-Lab	43.5816, -0.0298, -8.4989

# Details

The Hex color **72788F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8F8972**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A6ACC5**, and **41485D** is the 20% darker color. If you saturate the color by 10%, you get **646D8F**, and if you desaturate by 10%, it is **80838F**.

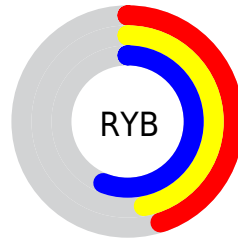
# Distribution



Red (45%)

Green (47%)

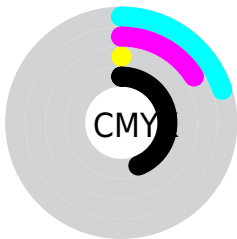
Blue (56%)



Red (45%)

Yellow (47%)

Blue (56%)

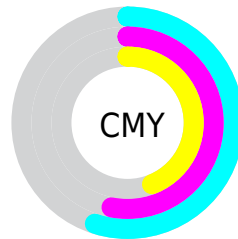


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (53%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72788F 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 72788F by changing the saturation by 10% instead.





72788F



72788F

FFFFFF



595F75



A6ACC5



41485D



C1C7E1



2B3145



DDE4FD



151C2F



FAFFFF



00011A



000000



72788F



72788F



646D8F



80838F



55618F



8F8F8F

■ 47568F

■ 9D9A8F

■ 394B8F

■ ABA58F

■ 2B3F8F

■ BAB18F

■ 1C348F

■ C8BC8F

■ 0E298F

■ D6C78F

■ 001E8F

■ E4D38F

■ F3DE8F

# Harmonies

## Analogous

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



647C8E



72788F



81748A

# Triad

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



72788F



8F726A



637F71

# Complementary

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



72788F



8F8972

# 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.



6F7D67



72788F



887663

# Square

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



72788F



917174



7D7962



5B7F7D

# Rectangle

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



72788F



897283



7D7962



677E6E



# Sweetspot

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



72788F



AFB1BA



728F89



58595E



DEDEDE



5E5E5E



# Same Dimension

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



72788F



8D97BA



7A728F



404247



001C87



000208



# Inverse Universe

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



8F7278



BA8D97



878F72



474042



87001C



080002



# Previews

## White Background



This preview shows how the Hex color 72788F looks on a white background.

## Color Contrast Check

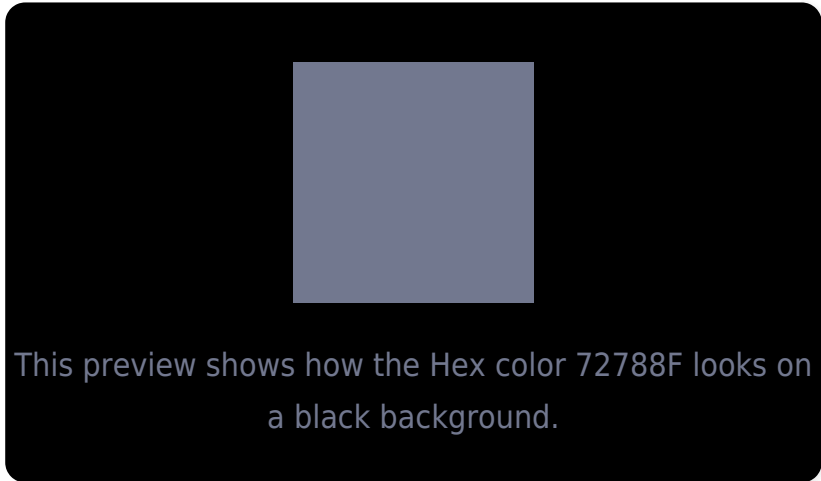
Large Text (above 18pt) WCAG AA ✓ Pass

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

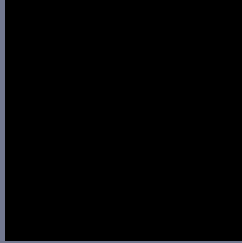
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

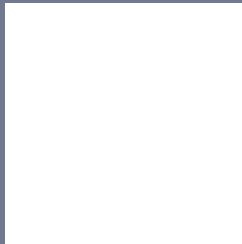
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 72788F Background



This preview shows how black text looks on a background with the Hex color 72788F.



This preview shows how white text looks on a background with the Hex color 72788F.

# 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**

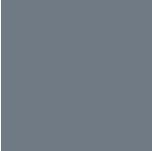
72788F

**Protanopia**

74778F

**Deuteranopia**

79768F



**Tritanopia**  
707A84

# Trichromacy



**Original Color**  
72788F

**Protanomaly**  
73778F

**Deuteranomaly**  
76778F

**Tritanomaly**  
717988

# Monochromacy



**Original Color**  
72788F

**Achromatopsia**  
797979

**Achromatomaly**  
767981

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72788F 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 #72788F looks like.

```
.text, #text, p{  
    color:#72788F  
}
```

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 #72788F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72788F
}
```

## Border

The CSS property to change the border of an element to Hex 72788F 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
#72788F }
```

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

```
.border{ border-color:#72788F }
```

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

Here you see how a box with a 4 pixel #72788F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72788F; -webkit-box-shadow:4px 4px  
4px 4px #72788F; box-shadow:4px 4px 4px  
4px #72788F }
```

# Background

The CSS property to change the background color of an element to Hex 72788F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72788F }
```

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

```
.background{ background-color:#72788F }
```

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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