

# Converting Colors

Hex(707E88)

Have a look what the booklet for  
Hex(707E88) contains.

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# Color

**Hex(707E88)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	707E88
RGB	112, 126, 136
RGB Percent	44%, 49%, 53%
CMY	0.5608, 0.5059, 0.4667
CMYK	0.18, 0.07, 0.00, 0.47
HSL	205°, 10%, 49%
HSV	205°, 18%, 53%
XYZ	18.5869, 20.1440, 26.2011
YIQ	122.9540, -11.5540, 0.1420

# Conversions

## Conversions Part 2

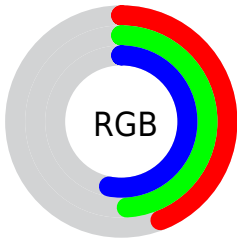
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 121, 136
Decimal	7372424
CIE <sub>Lab</sub>	52.00, -2.88, -7.16
CIE <sub>LCh</sub>	52, 7.717, 248.063
Yxy	20.1440, 0.2863, 0.3102
Android (android.graphics.Color)	4285562504 (0xFF707E88)
YUV	122.9540, 6.4317, -9.6067
Hunter-Lab	44.8821, -4.6220, -3.1946

# Details

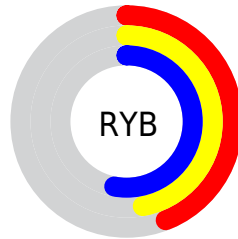
The Hex color **707E88** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **887A70**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A4B3BD**, and **404D56** is the 20% darker color. If you saturate the color by 10%, you get **627888**, and if you desaturate by 10%, it is **7E8488**.

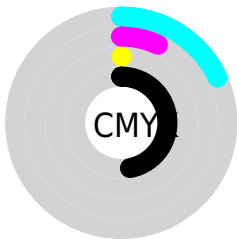
# Distribution



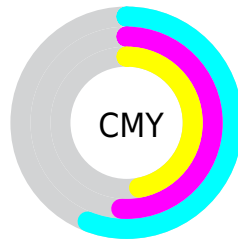
- Red (44%)
- Green (49%)
- Blue (53%)



- Red (44%)
- Yellow (47%)
- Blue (53%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (56%)
- Magenta (51%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 707E88 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 707E88 by changing the saturation by 10% instead.



707E88

707E88

FFFFFF

57656F

A4B3BD

404D56

BFCED9

29363F

DBEAF6

142129

F8FFFF

000A15

000000

707E88

707E88

627888

7E8488

557388

8B8988

476D88

998F88

3A6788

A69588

2C6288

B49A88

1E5C88

C2A088

115688

CFA688

035188

DDAB88

004F88

EAB188

# Harmonies

## Analogous

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



6C7F84



707E88



777C89

# Triad

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



707E88



8A787A



787E71

# Complementary

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



707E88



887A70

# 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.



807C6F



707E88



8A7874

# Square

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



707E88



867881



867A70



718077

# Rectangle

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



707E88



7D7A88



867A70



7B7D70



# Sweetspot

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



707E88



A7ACB0



70887A



545759



D9D9D9



595959



# Same Dimension

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



707E88



8BA1B0



707288



3E4245



004D85



000305



# Inverse Universe

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



88707E



B08BA1



888670



453E42



85004D



050003



# Previews

## White Background



This preview shows how the Hex color 707E88 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

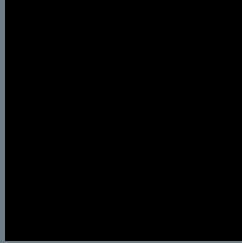
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

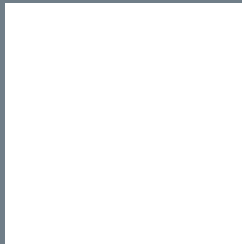
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 707E88 Background



This preview shows how black text looks on a background with the Hex color 707E88.



This preview shows how white text looks on a background with the Hex color 707E88.

# 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**  
707E88

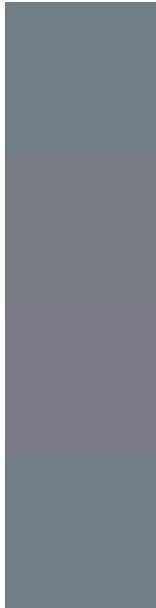
**Protanopia**  
7B7B86

**Deuteranopia**  
827889



**Tritanopia**  
707E88

# Trichromacy



**Original Color**  
707E88

**Protanomaly**  
777C87

**Deuteranomaly**  
7B7A89

**Tritanomaly**  
707E88

# Monochromacy



**Original Color**  
707E88

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
777C80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 707E88 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 #707E88 looks like.

```
.text, #text, p{  
    color:#707E88  
}
```

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 #707E88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #707E88
}
```

## Border

The CSS property to change the border of an element to Hex 707E88 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
#707E88 }
```

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

```
.border{ border-color:#707E88 }
```

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

Here you see how a box with a 4 pixel #707E88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #707E88; -webkit-box-shadow:4px 4px  
4px 4px #707E88; box-shadow:4px 4px 4px  
4px #707E88 }
```

# Background

The CSS property to change the background color of an element to Hex 707E88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#707E88 }
```

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

```
.background{ background-color:#707E88 }
```

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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