

Converting Colors

Hex(767888)

Have a look what the booklet for
Hex(767888) contains.

Hex(767888)	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(767888)

Conversions

Conversions Part 1

Format	Color
Hex	767888
RGB	118, 120, 136
RGB Percent	46%, 47%, 53%
CMY	0.5373, 0.5294, 0.4667
CMYK	0.13, 0.12, 0.00, 0.47
HSL	233°, 7%, 50%
HSV	233°, 13%, 53%
XYZ	18.6316, 19.0621, 25.9899
YIQ	121.2260, -6.3280, 4.5520

Conversions

Conversions Part 2

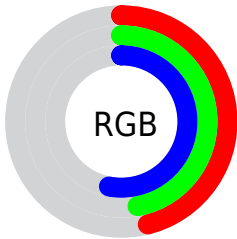
Format	Color
R_{YB}	118, 120, 136
Decimal	7764104
CIE Lab	50.76, 2.69, -8.96
CIE LCh	51, 9.357, 286.735
Yxy	19.0621, 0.2926, 0.2993
Android (android.graphics.Color)	4285954184 (0xFF767888)
YUV	121.2260, 7.2836, -2.8292
Hunter-Lab	43.6601, -0.2317, -4.7319

Details

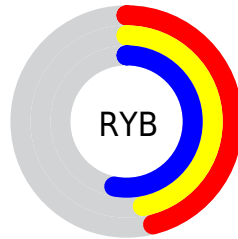
The Hex color **767888** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **888676**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **AAACBD**, and **464856** is the 20% darker color. If you saturate the color by 10%, you get **686C88**, and if you desaturate by 10%, it is **848488**.

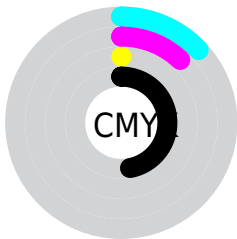
Distribution



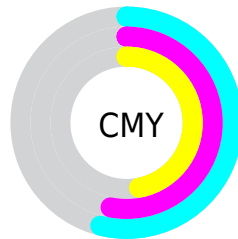
- Red (46%)
- Green (47%)
- Blue (53%)



- Red (46%)
- Yellow (47%)
- Blue (53%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (47%)



- Cyan (54%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 767888 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 767888 by changing the saturation by 10% instead.



767888



767888

FFFFFF



5D5F6F



AAACBD



464856



C6C8D9



2F313F



E2E4F6



1A1C29

FEFFFF



000215



000000



767888



767888



686C88



848488



5B6088



919088

■ 4D5488

■ 9F9C88

■ 404888

■ ACA888

■ 323C88

■ BAB488

■ 242F88

■ C8C188

■ 172388

■ D5CD88

■ 091788

■ E3D988

■ 000F88

■ F0E588

Harmonies

Analogous

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



6C7B88



767888



807584

Triad

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



767888



88756E



697D75

Complementary

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



767888



888676

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.



717C6E



767888



83776A

Square

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



767888



8A7475



7B7A6A



657E7D

Rectangle

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



767888



85747F



7B7A6A



6C7D72

Sweetspot

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



767888



A9AAB0



768886



555559



D9D9D9



595959

Same Dimension

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



767888



9497B0



7D7688



3E3F45



000F85



000105

Inverse Universe

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



887678



B09497



818876



453E3F



85000F



050001

Previews

White Background



This preview shows how the Hex color 767888 looks on a white background.

Color Contrast Check

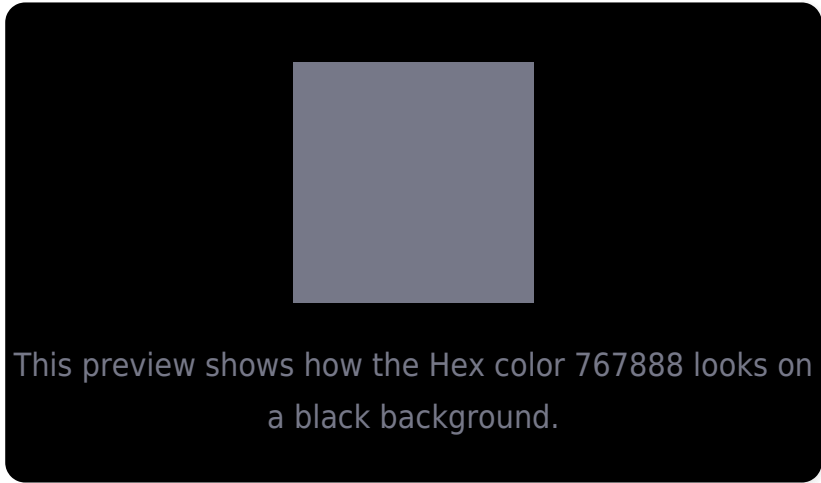
Large Text (above 18pt) WCAG AA ✓ Pass

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

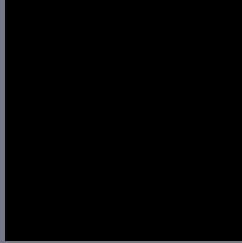
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

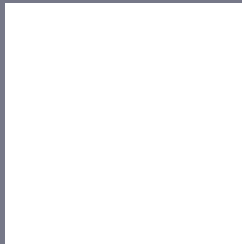
Any Text WCAG AAA × Fail

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

Hex 767888 Background



This preview shows how black text looks on a background with the Hex color 767888.



This preview shows how white text looks on a background with the Hex color 767888.

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
767888

Protanopia
767888

Deuteranopia
7D7688



Tritanopia
757982

Trichromacy



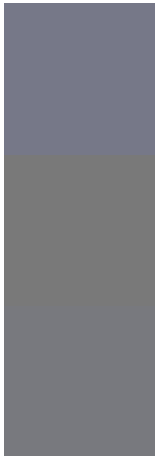
Original Color
767888

Protanomaly
767888

Deuteranomaly
7A7788

Tritanomaly
757984

Monochromacy



Original Color
767888

Achromatopsia
797979

Achromatomaly
78797E

CSS Examples

Text

The CSS property to change the color of the text to Hex 767888 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 #767888 looks like.

```
.text, #text, p{  
    color:#767888  
}
```

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 #767888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767888
}
```

Border

The CSS property to change the border of an element to Hex 767888 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
#767888 }
```

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

```
.border{ border-color:#767888 }
```

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

Here you see how a box with a 4 pixel #767888 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767888; -webkit-box-shadow:4px 4px  
4px 4px #767888; box-shadow:4px 4px 4px  
4px #767888 }
```

Background

The CSS property to change the background color of an element to Hex 767888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767888 }
```

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

```
.background{ background-color:#767888 }
```

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