

Converting Colors

Hex(688888)

Have a look what the booklet for
Hex(688888) contains.

Hex(688888)	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(688888)

Conversions

Conversions Part 1

Format	Color
Hex	688888
RGB	104, 136, 136
RGB Percent	41%, 53%, 53%
CMY	0.5922, 0.4667, 0.4667
CMYK	0.24, 0.00, 0.00, 0.47
HSL	180°, 13%, 47%
HSV	180°, 24%, 53%
XYZ	18.9570, 22.3289, 26.6033
YIQ	126.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

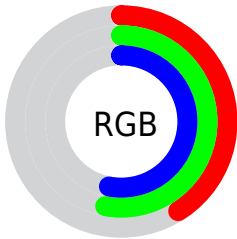
Format	Color
RYB	104, 120, 136
Decimal	6850696
CIELab	54.37, -11.20, -3.70
CIELCh	54, 11.799, 198.262
Yxy	22.3289, 0.2792, 0.3289
Android (android.graphics.Color)	4285040776 (0xFF688888)
YUV	126.4320, 4.7170, -19.6729
Hunter-Lab	47.2535, -11.0836, -0.3023

Details

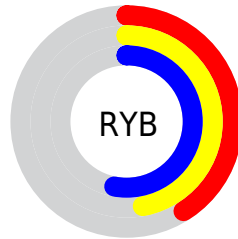
The Hex color **688888** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **886868**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **9CBDBD**, and **385656** is the 20% darker color. If you saturate the color by 10%, you get **5A8888**, and if you desaturate by 10%, it is **768888**.

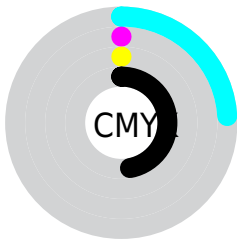
Distribution



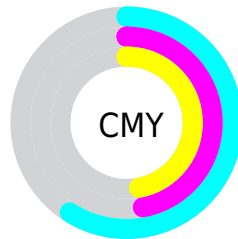
- Red (41%)
- Green (53%)
- Blue (53%)



- Red (41%)
- Yellow (47%)
- Blue (53%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (59%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 688888 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 688888 by changing the saturation by 10% instead.



688888



688888

FFFFFF



4F6F6F



9CBDBD



385656



B7D9D9



203F3F



D3F6F5



092929



FFFFFF



001515



000000



688888



688888



5A8888



768888



4D8888



838888

■ 3F8888

■ 918888

■ 328888

■ 9E8888

■ 248888

■ AC8888

■ 168888

■ BA8888

■ 098888

■ C78888

■ 008888

■ D58888

■ E28888

Harmonies

Analogous

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



6E887E



688888



6A8791

Triad

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



688888



8B7E90



8E806E

Complementary

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



688888



886868

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.



957D73



688888



947B86

Square

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



688888



7F8195



987B7C



84836F

Rectangle

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



688888



6F8595



987B7C



917F6F

Sweetspot

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



688888



A4B0B0



688868



525959



D9D9D9



595959

Same Dimension

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



688888



7FB0B0



687888



3E4545



008585



000505

Inverse Universe

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



886888



B07FB0



887868



453E45



850085



050005

Previews

White Background



This preview shows how the Hex color 688888 looks on a white background.

Color Contrast Check

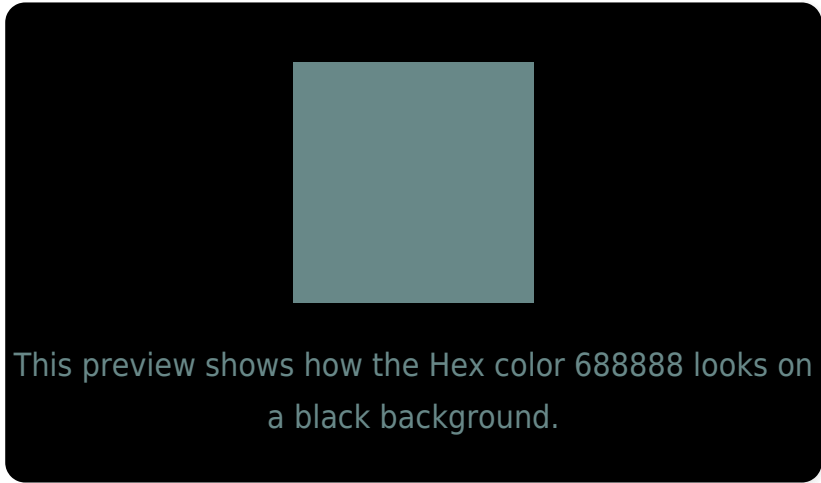
Large Text (above 18pt) WCAG AA ✓ Pass

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

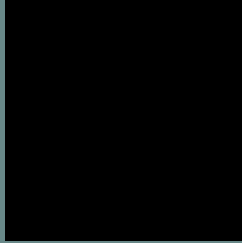
Any Text WCAG AA ✓ Pass

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 688888 Background



This preview shows how black text looks on a background with the Hex color 688888.



This preview shows how white text looks on a background with the Hex color 688888.

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
688888

Protanopia
838184

Deuteranopia
8A7E8A



Tritanopia
6A8791

Trichromacy



Original Color
688888

Protanomaly
798485

Deuteranomaly
7E8289

Tritanomaly
69878E

Monochromacy



Original Color
688888

Achromatopsia
7E7E7E

Achromatomaly
768282

CSS Examples

Text

The CSS property to change the color of the text to Hex 688888 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 #688888 looks like.

```
.text, #text, p{  
    color:#688888  
}
```

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 #688888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688888  
}
```

Border

The CSS property to change the border of an element to Hex 688888 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  
#688888 }
```

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

```
.border{ border-color:#688888 }
```

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

Here you see how a box with a 4 pixel #688888 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688888; -webkit-box-shadow:4px 4px  
4px 4px #688888; box-shadow:4px 4px 4px  
4px #688888 }
```

Background

The CSS property to change the background color of an element to Hex 688888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688888 }
```

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

```
.background{ background-color:#688888 }
```

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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