

Converting Colors

Hex(77688F)

Have a look what the booklet for
Hex(77688F) contains.

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Color

Hex(77688F)

Conversions

Conversions Part 1

Format	Color
Hex	77688F
RGB	119, 104, 143
RGB Percent	47%, 41%, 56%
CMY	0.5333, 0.5922, 0.4392
CMYK	0.17, 0.27, 0.00, 0.44
HSL	263°, 16%, 48%
HSV	263°, 27%, 56%
XYZ	17.5160, 15.8057, 28.1142
YIQ	112.9310, -3.5790, 15.3090

Conversions

Conversions Part 2

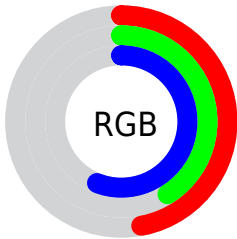
Format	Color
R_{YB}	119, 104, 143
Decimal	7825551
CIE _{Lab}	46.72, 14.20, -19.22
CIE _{LCh}	47, 23.895, 306.450
Yxy	15.8057, 0.2851, 0.2573
Android (android.graphics.Color)	4286015631 (0xFF77688F)
YUV	112.9310, 14.8240, 5.3225
Hunter-Lab	39.7564, 9.0702, -14.0981

Details

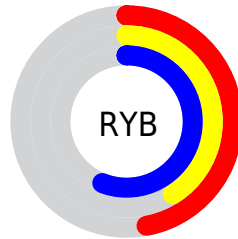
The Hex color **77688F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **808F68**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AC9BC5**, and **46395D** is the 20% darker color. If you saturate the color by 10%, you get **6E5A8F**, and if you desaturate by 10%, it is **80768F**.

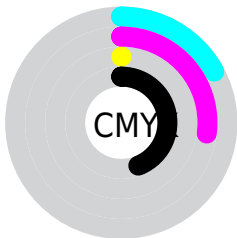
Distribution



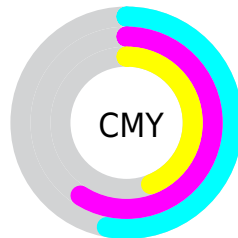
- Red (47%)
- Green (41%)
- Blue (56%)



- Red (47%)
- Yellow (41%)
- Blue (56%)



- Cyan (17%)
- Magenta (27%)
- Yellow (0%)
- Black (44%)



- Cyan (53%)
- Magenta (59%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77688F 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 77688F by changing the saturation by 10% instead.



77688F



77688F

FFFFFF



5E5075



AC9BC5



46395D



C7B6E1



2F2345



E3D2FE



190F2E



FFEEFF



00011A



000000



77688F



77688F



6E5A8F



80768F



654B8F



89858F

5D3D8F

91938F

542F8F

9AA18F

4B208F

A3B08F

42128F

ACBE8F

39048F

B5CC8F

37008F

BDDA8F

C6E98F

Harmonies

Analogous

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



5A6F96



77688F



8C627F

Triad

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



77688F



8A684A



347A73

Complementary

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



77688F



808F68

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.



4B785E



77688F



786F47

Square

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



77688F



956258



62754E



2A7986

Rectangle

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



77688F



946072



62754E



3B7A6C

Sweetspot

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



77688F



B1ABBA



68808F



59555E



DEDEDE



5E5E5E

Same Dimension

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



77688F



947DBA



8A688F



434047



340087



030008

Inverse Universe

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



8F6880



BA7DA3



6D8F68



474045



870053



080005

Previews

White Background



This preview shows how the Hex color 77688F looks on a white background.

Color Contrast Check

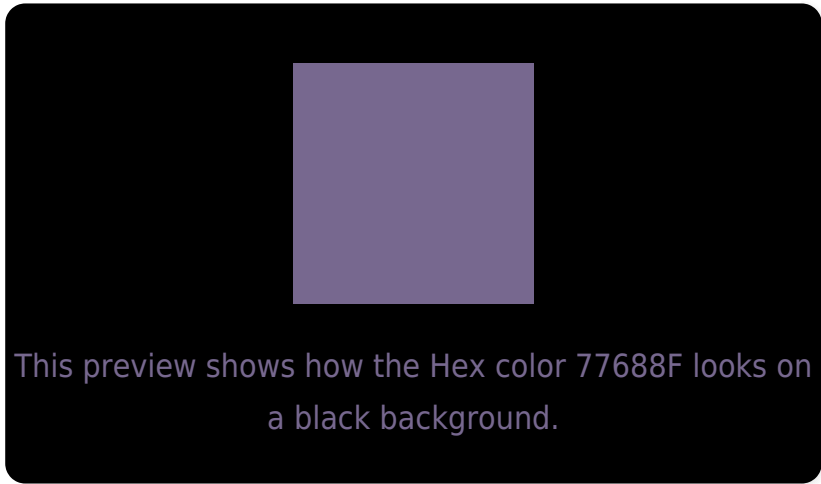
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

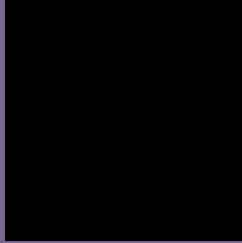
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 77688F Background



This preview shows how black text looks on a background with the Hex color 77688F.

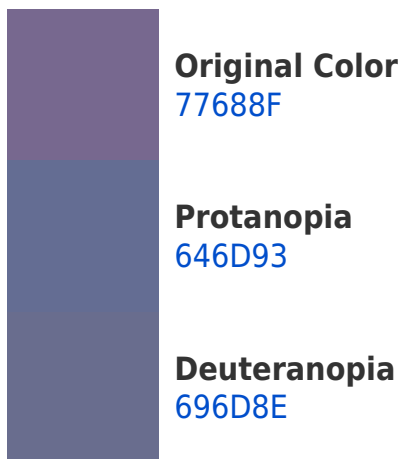



This preview shows how white text looks on a background with the Hex color 77688F.

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





Tritanopia
736D75

Trichromacy



Original Color
77688F

Protanomaly
6B6B92

Deuteranomaly
6E6B8E

Tritanomaly
746B7E

Monochromacy



Original Color
77688F

Achromatopsia
717171

Achromatomaly
736E7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 77688F 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 #77688F looks like.

```
.text, #text, p{  
    color:#77688F  
}
```

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 #77688F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77688F
}
```

Border

The CSS property to change the border of an element to Hex 77688F is called "border". The border property can be set on classes, ids or directly on the HTML element.

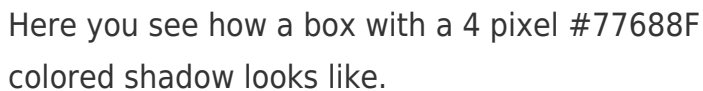
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77688F }
```

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

```
.border{ border-color:#77688F }
```

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



Here you see how a box with a 4 pixel #77688F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77688F; -webkit-box-shadow:4px 4px  
4px 4px #77688F; box-shadow:4px 4px 4px  
4px #77688F }
```

Background

The CSS property to change the background color of an element to Hex 77688F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77688F }
```

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

```
.background{ background-color:#77688F }
```

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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