

Converting Colors

Hex(77648F)

Have a look what the booklet for
Hex(77648F) contains.

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Color

Hex(77648F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 77648F |
| RGB | 119, 100, 143 |
| RGB Percent | 47%, 39%, 56% |
| CMY | 0.5333, 0.6078, 0.4392 |
| CMYK | 0.17, 0.30, 0.00, 0.44 |
| HSL | 267°, 18%, 48% |
| HSV | 267°, 30%, 56% |
| XYZ | 17.1228, 15.0195, 27.9832 |
| YIQ | 110.5830, -2.4790, 17.4010 |

Conversions

Conversions Part 2

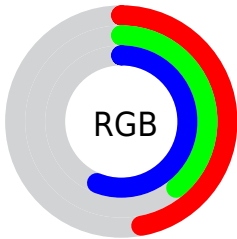
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 119, 100, 143 |
| Decimal | 7824527 |
| CIE Lab | 45.66, 16.61, -20.85 |
| CIE LCh | 46, 26.654, 308.549 |
| Yxy | 15.0195, 0.2848, 0.2498 |
| Android (android.graphics.Color) | 4286014607 (0xFF77648F) |
| YUV | 110.5830, 15.9816, 7.3817 |
| Hunter-Lab | 38.7549, 11.0444, -15.6821 |

Details

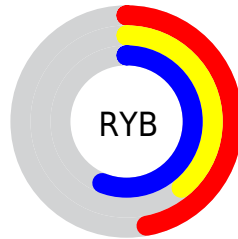
The Hex color **77648F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C8F64**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **AC97C5**, and **46355D** is the 20% darker color. If you saturate the color by 10%, you get **6F568F**, and if you desaturate by 10%, it is **7F728F**.

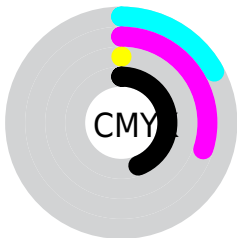
Distribution



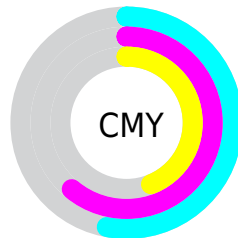
- Red (47%)
- Green (39%)
- Blue (56%)



- Red (47%)
- Yellow (39%)
- Blue (56%)



- Cyan (17%)
- Magenta (30%)
- Yellow (0%)
- Black (44%)



- Cyan (53%)
- Magenta (61%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77648F 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 77648F by changing the saturation by 10% instead.

■ 77648F

■ 77648F

FFFFFF

■ 5E4C75

■ AC97C5

■ 46355D

■ C7B2E1

■ 2F2045

■ E3CDFE

■ 190A2E

■ FFE9FF

■ 000119

■ 000000

■ 77648F

■ 77648F

■ 6F568F

■ 7F728F

■ 67478F

■ 87818F

5F398F

8F8F8F

572B8F

979D8F

4F1C8F

9FAB8F

470E8F

A7BA8F

3F008F

AFC88F

B7D68F

BFE58F

Harmonies

Analogous

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



576C98



77648F



8D5D7D

Triad

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



77648F



886543



227872

Complementary

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



77648F



7C8F64

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.



41775B



77648F



756D40

Square

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



77648F



955E51



5C7349



107787

Rectangle

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



77648F



955B6E



5C7349



2D786A

Sweetspot

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



77648F



B1A9BA



647C8F



59545E



DEDEDE



5E5E5E

Same Dimension

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



77648F



9577BA



8C648F



434047



3C0087



030008

Inverse Universe

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



8F647C



BA779D



678F64



474044



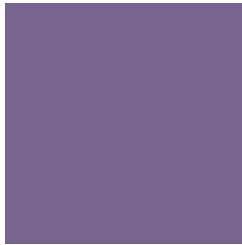
87004B



080004

Previews

White Background



This preview shows how the Hex color 77648F looks on a white background.

Color Contrast Check

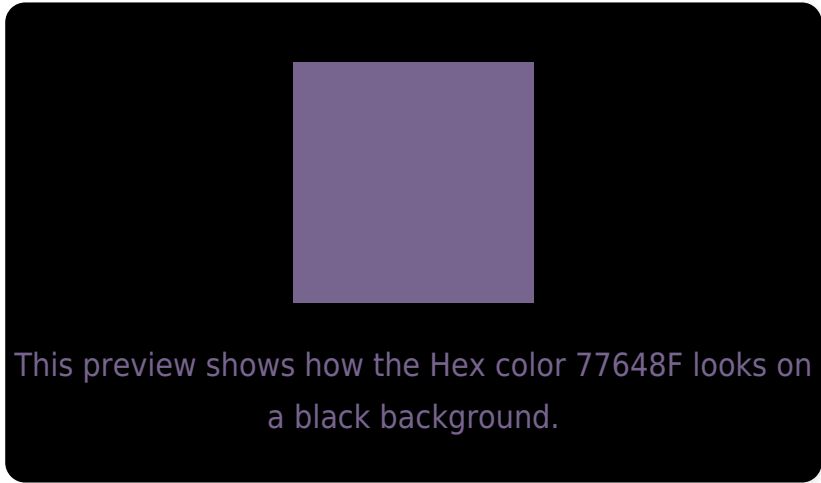
Large Text (above 18pt) WCAG AA ✓ Pass

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

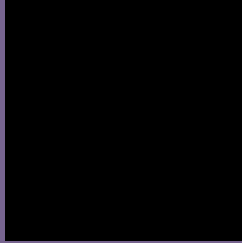
Any Text WCAG AA × Fail

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 77648F Background



This preview shows how black text looks on a background with the Hex color 77648F.



This preview shows how white text looks on a background with the Hex color 77648F.

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
77648F

Protanopia
606B94

Deuteranopia
656A8E



Tritanopia
726A72

Trichromacy



Original Color
77648F

Protanomaly
686892

Deuteranomaly
6C688E

Tritanomaly
74687D

Monochromacy



Original Color
77648F

Achromatopsia
6F6F6F

Achromatomaly
726B7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 77648F 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 #77648F looks like.

```
.text, #text, p{  
    color:#77648F  
}
```

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 #77648F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77648F
}
```

Border

The CSS property to change the border of an element to Hex 77648F is called "border". The border property can be set on classes, ids or directly on the HTML element.

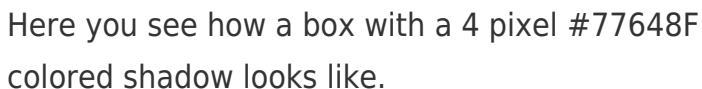
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77648F }
```

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

```
.border{ border-color:#77648F }
```

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



Here you see how a box with a 4 pixel #77648F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77648F; -webkit-box-shadow:4px 4px  
4px 4px #77648F; box-shadow:4px 4px 4px  
4px #77648F }
```

Background

The CSS property to change the background color of an element to Hex 77648F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77648F }
```

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

```
.background{ background-color:#77648F }
```

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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