

Converting Colors

Hex(78678F)

Have a look what the booklet for
Hex(78678F) contains.

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Color

Hex(78678F)

Conversions

Conversions Part 1

Format	Color
Hex	78678F
RGB	120, 103, 143
RGB Percent	47%, 40%, 56%
CMY	0.5294, 0.5961, 0.4392
CMYK	0.16, 0.28, 0.00, 0.44
HSL	266°, 16%, 48%
HSV	266°, 28%, 56%
XYZ	17.5539, 15.6767, 28.0873
YIQ	112.6430, -2.7080, 16.0440

Conversions

Conversions Part 2

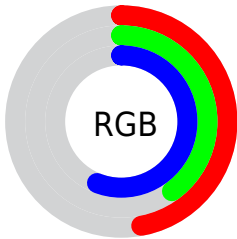
Format	Color
R_{YB}	120, 103, 143
Decimal	7890831
CIE _{Lab}	46.55, 15.14, -19.47
CIE _{LCh}	47, 24.667, 307.860
Yxy	15.6767, 0.2863, 0.2557
Android (android.graphics.Color)	4286080911 (0xFF78678F)
YUV	112.6430, 14.9660, 6.4521
Hunter-Lab	39.5939, 9.8486, -14.3438

Details

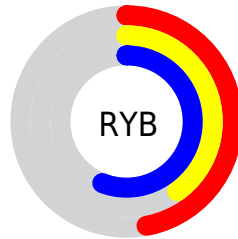
The Hex color **78678F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7E8F67**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AD9AC5**, and **47385D** is the 20% darker color. If you saturate the color by 10%, you get **70598F**, and if you desaturate by 10%, it is **80758F**.

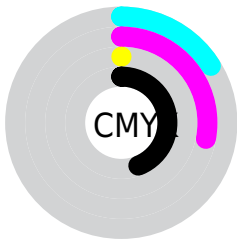
Distribution



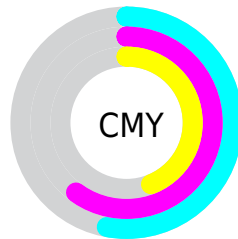
- Red (47%)
- Green (40%)
- Blue (56%)



- Red (47%)
- Yellow (40%)
- Blue (56%)



- Cyan (16%)
- Magenta (28%)
- Yellow (0%)
- Black (44%)



- Cyan (53%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78678F 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 78678F by changing the saturation by 10% instead.

78678F

78678F

FFFFFF

5F4F75

AD9AC5

47385D

C8B5E1

302245

E4D1FE

1A0E2E

FFEDFF

000119

000000

78678F

78678F

70598F

80758F

684A8F

88848F

5F3C8F

91928F

572E8F

99A08F

4F208F

A1AF8F

47118F

A9BD8F

3E038F

B2CB8F

3D008F

BAD98F

C2E88F

Harmonies

Analogous

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



5A6E97



78678F



8D617E

Triad

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



78678F



896848



2F7A73

Complementary

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



78678F



7E8F67

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.



48785E



78678F



776F45

Square

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



78678F



956156



60754D



257887

Rectangle

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



78678F



955F71



60754D



37796C

Sweetspot

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



78678F



B2ABBA



677E8F



59555E



DEDEDE



5E5E5E

Same Dimension

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



78678F



967BBA



8C678F



434047



390087



030008

Inverse Universe

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



8F677E



BA7B9F



6A8F67



474044



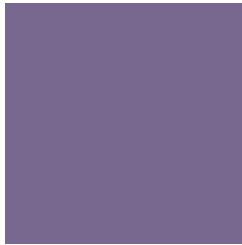
87004E



080004

Previews

White Background



This preview shows how the Hex color 78678F looks on a white background.

Color Contrast Check

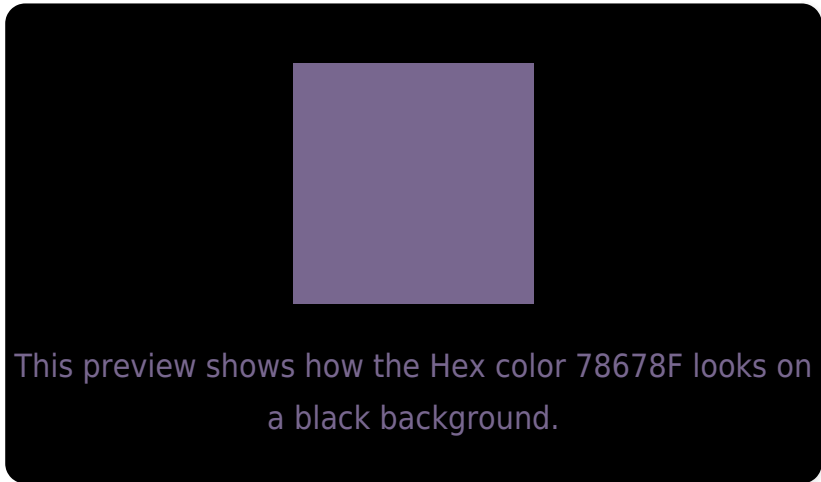
Large Text (above 18pt) WCAG AA ✓ Pass

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

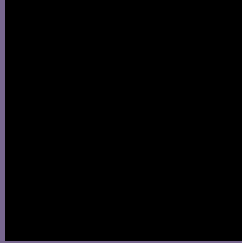
Any Text WCAG AA × Fail

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 78678F Background



This preview shows how black text looks on a background with the Hex color 78678F.



This preview shows how white text looks on a background with the Hex color 78678F.

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
78678F

Protanopia
646D93

Deuteranopia
686C8E



Tritanopia
746C75

Trichromacy



Original Color
78678F

Protanomaly
6B6B92

Deuteranomaly
6E6A8E

Tritanomaly
756A7E

Monochromacy



Original Color
78678F

Achromatopsia
717171

Achromatomaly
746D7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 78678F 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 #78678F looks like.

```
.text, #text, p{  
    color:#78678F  
}
```

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 #78678F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78678F
}
```

Border

The CSS property to change the border of an element to Hex 78678F is called "border". The border property can be set on classes, ids or directly on the HTML element.

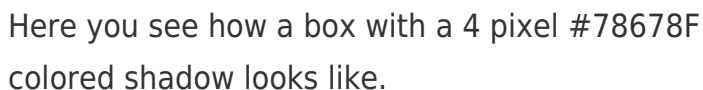
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78678F }
```

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

```
.border{ border-color:#78678F }
```

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



Here you see how a box with a 4 pixel #78678F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78678F; -webkit-box-shadow:4px 4px  
4px 4px #78678F; box-shadow:4px 4px 4px  
4px #78678F }
```

Background

The CSS property to change the background color of an element to Hex 78678F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78678F }
```

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

```
.background{ background-color:#78678F }
```

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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