

Converting Colors

Hex(78708E)

Have a look what the booklet for
Hex(78708E) contains.

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Color

Hex(78708E)

Conversions

Conversions Part 1

Format	Color
Hex	78708E
RGB	120, 112, 142
RGB Percent	47%, 44%, 56%
CMY	0.5294, 0.5608, 0.4431
CMYK	0.15, 0.21, 0.00, 0.44
HSL	256°, 12%, 50%
HSV	256°, 21%, 56%
XYZ	18.4224, 17.5344, 28.0047
YIQ	117.8120, -4.8620, 11.0260

Conversions

Conversions Part 2

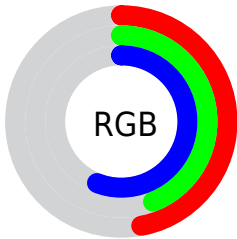
Format	Color
R_{YB}	120, 112, 142
Decimal	7893134
CIE Lab	48.93, 9.51, -15.25
CIE LCh	49, 17.968, 301.938
Yxy	17.5344, 0.2880, 0.2741
Android (android.graphics.Color)	4286083214 (0xFF78708E)
YUV	117.8120, 11.9247, 1.9189
Hunter-Lab	41.8741, 5.2509, -10.3403

Details

The Hex color **78708E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **868E70**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **ADA4C4**, and **47405C** is the 20% darker color. If you saturate the color by 10%, you get **6E628E**, and if you desaturate by 10%, it is **827E8E**.

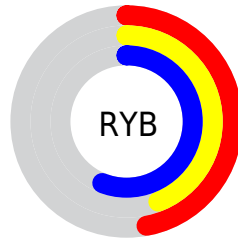
Distribution



Red (47%)

Green (44%)

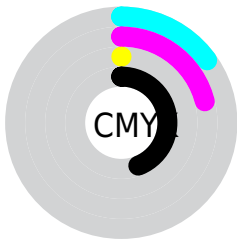
Blue (56%)



Red (47%)

Yellow (44%)

Blue (56%)

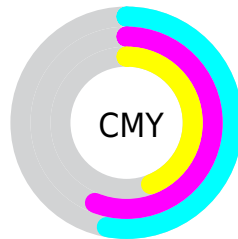


Cyan (15%)

Magenta (21%)

Yellow (0%)

Black (44%)



Cyan (53%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78708E 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 78708E by changing the saturation by 10% instead.

■ 78708E

■ 78708E

FFFFFF

■ 5F5874

■ ADA4C4

■ 47405C

■ C8BFE0

■ 302A44

■ E4DBFC

■ 1B162E

■ FFF7FF

■ 000019

■ 000000

■ 78708E

■ 78708E

■ 6E628E

■ 827E8E

■ 63548E

■ 8D8C8E

■ 59458E

■ 979B8E

■ 4E378E

■ A2A98E

■ 44298E

■ ACB78E

■ 3A1B8E

■ B6C58E

■ 2F0D8E

■ C1D38E

■ 26008E

■ CBE28E

■ D6F08E

Harmonies

Analogous

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



637592



78708E



896B83

Triad

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



78708E



8C6E5A



4E7D75

Complementary

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



78708E



868E70

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.



5D7B65



78708E



7F7456

Square

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



78708E



936B65



6E785A



487C84

Rectangle

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



78708E



906A79



6E785A



527D6F

Sweetspot

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



78708E



B0ADB8



70868E



57555C



DBDBDB



5C5C5C

Same Dimension

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



78708E



968AB8



87708E



424047



240087



020008

Inverse Universe

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



8E7086



B88AAB



778E70



474045



870063



080006

Previews

White Background



This preview shows how the Hex color 78708E looks on a white background.

Color Contrast Check

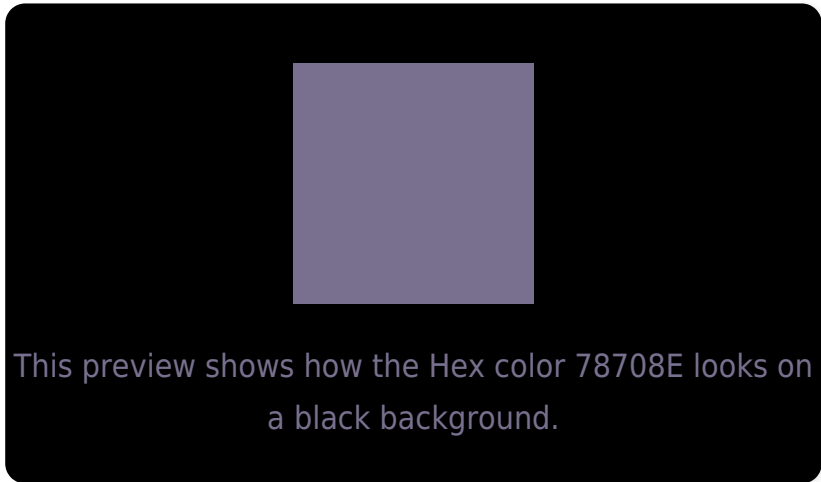
Large Text (above 18pt) WCAG AA ✓ Pass

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

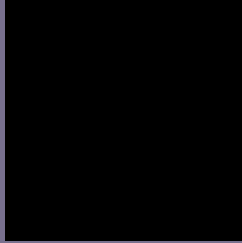
Any Text WCAG AA ✓ Pass

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 78708E Background



This preview shows how black text looks on a background with the Hex color 78708E.



This preview shows how white text looks on a background with the Hex color 78708E.

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
78708E

Protanopia
6D7390

Deuteranopia
73728E



Tritanopia
75737C

Trichromacy



Original Color
78708E

Protanomaly
71728F

Deuteranomaly
75718E

Tritanomaly
767283

Monochromacy



Original Color
78708E

Achromatopsia
767676

Achromatomaly
77747F

CSS Examples

Text

The CSS property to change the color of the text to Hex 78708E 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 #78708E looks like.

```
.text, #text, p{  
    color:#78708E  
}
```

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 #78708E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78708E
}
```

Border

The CSS property to change the border of an element to Hex 78708E is called "border". The border property can be set on classes, ids or directly on the HTML element.

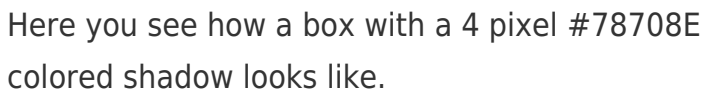
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78708E }
```

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

```
.border{ border-color:#78708E }
```

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



Here you see how a box with a 4 pixel #78708E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78708E; -webkit-box-shadow:4px 4px  
4px 4px #78708E; box-shadow:4px 4px 4px  
4px #78708E }
```

Background

The CSS property to change the background color of an element to Hex 78708E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78708E }
```

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

```
.background{ background-color:#78708E }
```

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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