

Converting Colors

Hex(67798A)

Have a look what the booklet for
Hex(67798A) contains.

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Color

Hex(67798A)

Conversions

Conversions Part 1

Format	Color
Hex	67798A
RGB	103, 121, 138
RGB Percent	40%, 47%, 54%
CMY	0.5961, 0.5255, 0.4588
CMYK	0.25, 0.12, 0.00, 0.46
HSL	209°, 15%, 47%
HSV	209°, 25%, 54%
XYZ	17.0183, 18.3933, 26.6981
YIQ	117.5560, -16.1850, 1.4710

Conversions

Conversions Part 2

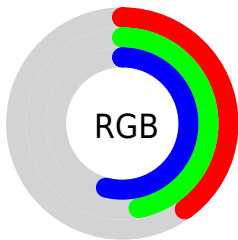
Format	Color
R_{YB}	103, 115, 138
Decimal	6781322
CIE _{Lab}	49.97, -2.54, -11.44
CIE _{LCh}	50, 11.718, 257.491
Yxy	18.3933, 0.2740, 0.2961
Android (android.graphics.Color)	4284971402 (0xFF67798A)
YUV	117.5560, 10.0789, -12.7656
Hunter-Lab	42.8874, -4.2216, -6.8877

Details

The Hex color **67798A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8A7867**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9BADBF**, and **374958** is the 20% darker color. If you saturate the color by 10%, you get **59728A**, and if you desaturate by 10%, it is **75808A**.

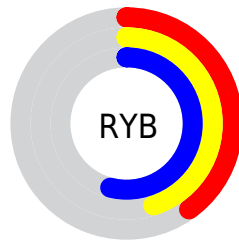
Distribution



Red (40%)

Green (47%)

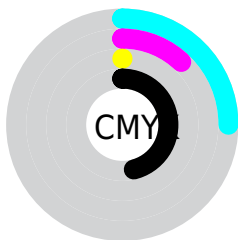
Blue (54%)



Red (40%)

Yellow (45%)

Blue (54%)

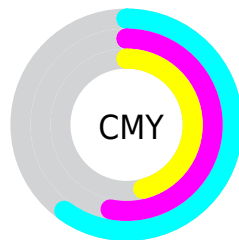


Cyan (25%)

Magenta (12%)

Yellow (0%)

Black (46%)



Cyan (60%)

Magenta (53%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67798A 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 67798A by changing the saturation by 10% instead.

■ 67798A

■ 67798A

FFFFFF

■ 4E6071

■ 9BADBF

■ 374958

■ B6C9DB

■ 203241

■ D1E5F8

■ 0A1D2B

■ EEEFFF

■ 000117

■ 000000

■ 67798A

■ 67798A

■ 59728A

■ 75808A

■ 4B6C8A

■ 83868A

■ 3E658A

■ 908D8A

■ 305E8A

■ 9E948A

■ 22578A

■ AC9B8A

■ 14518A

■ BAA18A

■ 064A8A

■ C8A88A

■ 00478A

■ D5AF8A

■ E3B58A

Harmonies

Analogous

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



5F7B85



67798A



73768A

Triad

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



67798A



8C7071



6D7B69

Complementary

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



67798A



8A7867

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.



797864



67798A



8A7269

Square

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



67798A



89707B



837564



637C72

Rectangle

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



67798A



7C7487



837564



717A67

Sweetspot

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



67798A



A4ACB3



678A78



505559



D9D9D9



595959

Same Dimension

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



67798A



7D98B3



67688A



3E4245



004485



000305

Inverse Universe

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



8A6779



B37D98



8A8967



453E42



850044



050003

Previews

White Background



This preview shows how the Hex color 67798A 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

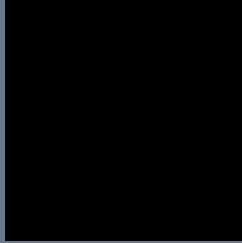
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

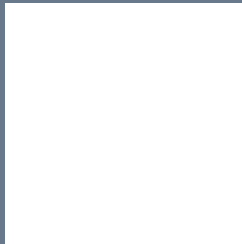
Any Text WCAG AAA × Fail

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

Hex 67798A Background



This preview shows how black text looks on a background with the Hex color 67798A.



This preview shows how white text looks on a background with the Hex color 67798A.

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
67798A

Protanopia
747688

Deuteranopia
78748B



Tritanopia
667A84

Trichromacy



Original Color
67798A

Protanomaly
6F7789

Deuteranomaly
72768B

Tritanomaly
667A86

Monochromacy



Original Color
67798A

Achromatopsia
767676

Achromatomaly
71777D

CSS Examples

Text

The CSS property to change the color of the text to Hex 67798A 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 #67798A looks like.

```
.text, #text, p{  
    color:#67798A  
}
```

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 #67798A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67798A
}
```

Border

The CSS property to change the border of an element to Hex 67798A 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
#67798A }
```

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

```
.border{ border-color:#67798A }
```

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

Here you see how a box with a 4 pixel #67798A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67798A; -webkit-box-shadow:4px 4px  
4px 4px #67798A; box-shadow:4px 4px 4px  
4px #67798A }
```

Background

The CSS property to change the background color of an element to Hex 67798A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67798A }
```

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

```
.background{ background-color:#67798A }
```

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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