

Converting Colors

Hex(767894)

Have a look what the booklet for
Hex(767894) contains.

Hex(767894)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(767894)

Conversions

Conversions Part 1

Format	Color
Hex	767894
RGB	118, 120, 148
RGB Percent	46%, 47%, 58%
CMY	0.5373, 0.5294, 0.4196
CMYK	0.20, 0.19, 0.00, 0.42
HSL	236°, 12%, 52%
HSV	236°, 20%, 58%
XYZ	19.5330, 19.4226, 30.7364
YIQ	122.5940, -10.1800, 8.2840

Conversions

Conversions Part 2

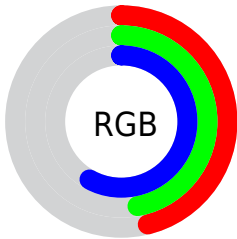
Format	Color
R_{YB}	118, 120, 148
Decimal	7764116
CIE Lab	51.18, 5.50, -15.37
CIE LCh	51, 16.329, 289.690
Yxy	19.4226, 0.2803, 0.2787
Android (android.graphics.Color)	4285954196 (0xFF767894)
YUV	122.5940, 12.5252, -4.0289
Hunter-Lab	44.0711, 1.9895, -10.5007

Details

The Hex color **767894** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **949276**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **AAACCA**, and **454861** is the 20% darker color. If you saturate the color by 10%, you get **676A94**, and if you desaturate by 10%, it is **858694**.

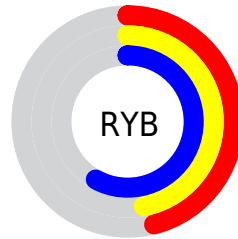
Distribution



Red (46%)

Green (47%)

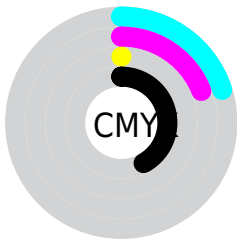
Blue (58%)



Red (46%)

Yellow (47%)

Blue (58%)

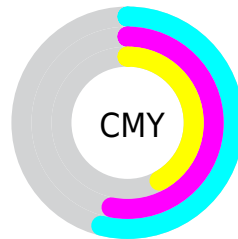


Cyan (20%)

Magenta (19%)

Yellow (0%)

Black (42%)



Cyan (54%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 767894 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 767894 by changing the saturation by 10% instead.

■ 767894

■ 767894

FFFFFF

■ 5D5F7A

■ AAACCA

■ 454861

■ C6C8E6

■ 2E3149

■ E2E4FF

■ 181C33

■ 01021E

■ 000000

■ 767894

■ 767894

■ 676A94

■ 858694

■ 585C94

■ 949494

■ 4A4F94

■ A2A194

■ 3B4194

■ B1AF94

■ 2C3394

■ C0BD94

■ 1D2594

■ CF94CB

■ 0E1794

■ DED994

■ 000A94

■ ECE794

■ FBF494

Harmonies

Analogous

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



637D95



767894



87738C

Triad

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



767894



937365



5C8274

Complementary

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



767894



949276

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.



6B8068



767894



89775F

Square

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



767894



977071



7B7C60



548283

Rectangle

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



767894



907184



7B7C60



618170

Sweetspot

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



767894



B4B5BF



769492



5A5B61



E0E0E0



616161

Same Dimension

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



767894



9194BF



837694



43434A



00098A



00010A

Inverse Universe

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



947678



BF9194



879476



4A4343



8A0009



0A0001

Previews

White Background



This preview shows how the Hex color 767894 looks on a white background.

Color Contrast Check

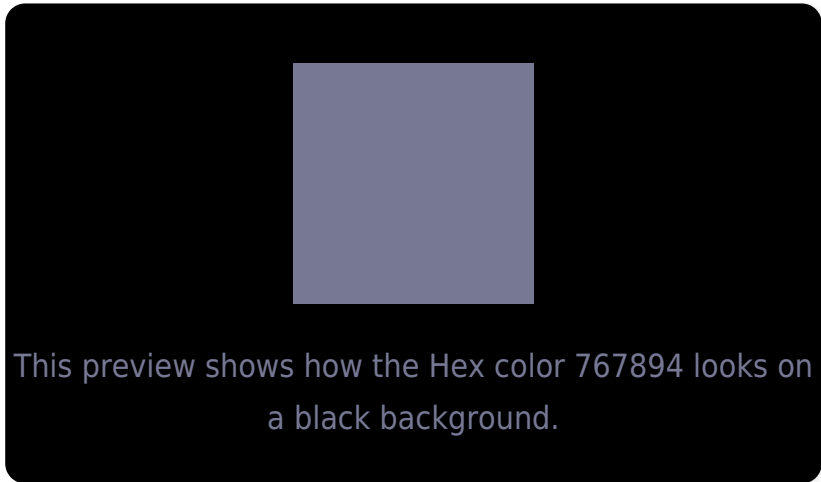
Large Text (above 18pt) WCAG AA ✓ Pass

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

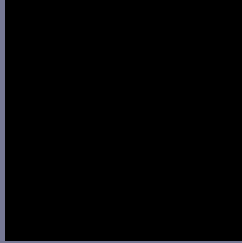
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

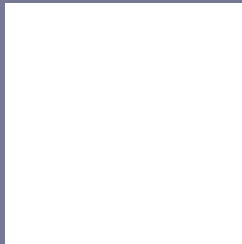
Any Text WCAG AAA × Fail

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

Hex 767894 Background



This preview shows how black text looks on a background with the Hex color 767894.



This preview shows how white text looks on a background with the Hex color 767894.

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
767894

Protanopia
747994

Deuteranopia
787794



Tritanopia
737B84

Trichromacy



Original Color

767894

Protanomaly

757994

Deuteranomaly

777794

Tritanomaly

747A8A

Monochromacy



Original Color

767894

Achromatopsia

7B7B7B

Achromatomaly

797A84

CSS Examples

Text

The CSS property to change the color of the text to Hex 767894 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 #767894 looks like.

```
.text, #text, p{  
    color:#767894  
}
```

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 #767894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767894
}
```

Border

The CSS property to change the border of an element to Hex 767894 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
#767894 }
```

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

```
.border{ border-color:#767894 }
```

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

Here you see how a box with a 4 pixel #767894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767894; -webkit-box-shadow:4px 4px  
4px 4px #767894; box-shadow:4px 4px 4px  
4px #767894 }
```

Background

The CSS property to change the background color of an element to Hex 767894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767894 }
```

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

```
.background{ background-color:#767894 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor