

Converting Colors

Hex(797897)

Have a look what the booklet for
Hex(797897) contains.

Hex(797897)	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(797897)

Conversions

Conversions Part 1

Format	Color
Hex	797897
RGB	121, 120, 151
RGB Percent	47%, 47%, 59%
CMY	0.5255, 0.5294, 0.4078
CMYK	0.20, 0.21, 0.00, 0.41
HSL	242°, 13%, 53%
HSV	242°, 21%, 59%
XYZ	20.1875, 19.7323, 32.0229
YIQ	123.8330, -9.3550, 9.8530

Conversions

Conversions Part 2

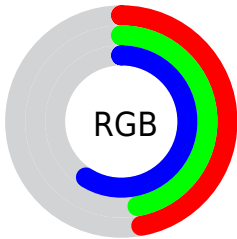
Format	Color
R_{YB}	121, 120, 151
Decimal	7960727
CIE _{Lab}	51.53, 7.23, -16.57
CIE _{LCh}	52, 18.076, 293.579
Yxy	19.7323, 0.2806, 0.2743
Android (android.graphics.Color)	4286150807 (0xFF797897)
YUV	123.8330, 13.3933, -2.4845
Hunter-Lab	44.4210, 3.3842, -11.6471

Details

The Hex color **797897** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **969778**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **AEACCD**, and **484864** is the 20% darker color. If you saturate the color by 10%, you get **6A6997**, and if you desaturate by 10%, it is **888797**.

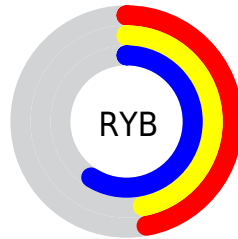
Distribution



Red (47%)

Green (47%)

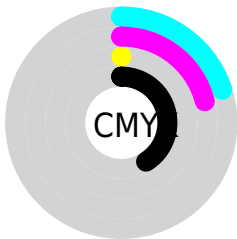
Blue (59%)



Red (47%)

Yellow (47%)

Blue (59%)

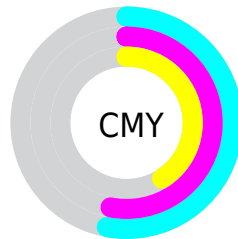


Cyan (20%)

Magenta (21%)

Yellow (0%)

Black (41%)



Cyan (53%)

Magenta (53%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 797897 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 797897 by changing the saturation by 10% instead.

■ 797897

■ 797897

FFFFFF

■ 605F7D

■ AEACCD

■ 484864

■ C9C8E9

■ 31314C

■ E5E4FF

■ 1B1C35

■ 050220

■ 000005

■ 000000

■ 797897

■ 797897

■ 6A6997

■ 888797

■ 5C5A97

■ 969697

■ 4D4B97

■ A5A597

■ 3F3C97

■ B3B497

■ 302D97

■ C2C497

■ 211D97

■ D1D397

■ 130E97

■ DFE297

■ 050097

■ EEF197

■ FDF997

Harmonies

Analogous

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



647D99



797897



8C738D

Triad

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



797897



957463



588377

Complementary

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



797897



969778

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.



688168



797897



8A795C

Square

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



797897



9B706F



797E5E



4F8387

Rectangle

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



797897



947184



797E5E



5D8372

Sweetspot

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



797897



B9B9C4



789697



5D5C63



E3E3E3



636363

Same Dimension

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



797897



9593C4



887897



45454D



05008C



00000D

Inverse Universe

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



977896



C493C3



879778



4D454C



8C0088



0D000C

Previews

White Background



This preview shows how the Hex color 797897 looks on a white background.

Color Contrast Check

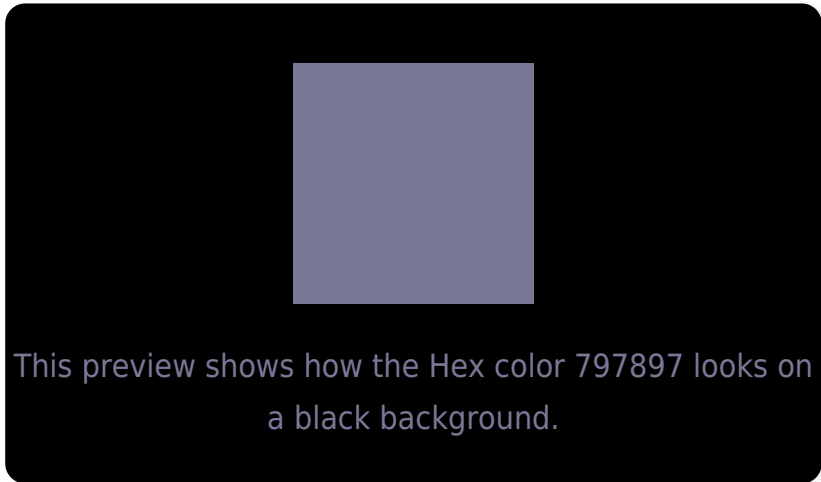
Large Text (above 18pt) WCAG AA ✓ Pass

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

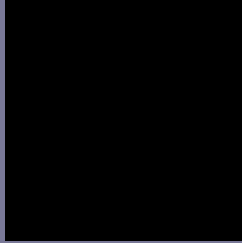
Any Text WCAG AA ✓ Pass

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 797897 Background



This preview shows how black text looks on a background with the Hex color 797897.



This preview shows how white text looks on a background with the Hex color 797897.

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

797897

Protanopia

747A98

Deuteranopia

787897



Tritanopia
767B85

Trichromacy



Original Color
797897

Protanomaly
767998

Deuteranomaly
787897

Tritanomaly
777A8C

Monochromacy



Original Color
797897

Achromatopsia
7C7C7C

Achromatomaly
7B7B86

CSS Examples

Text

The CSS property to change the color of the text to Hex 797897 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 #797897 looks like.

```
.text, #text, p{  
    color:#797897  
}
```

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 #797897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797897
}
```

Border

The CSS property to change the border of an element to Hex 797897 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
#797897 }
```

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

```
.border{ border-color:#797897 }
```

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

Here you see how a box with a 4 pixel #797897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797897; -webkit-box-shadow:4px 4px  
4px 4px #797897; box-shadow:4px 4px 4px  
4px #797897 }
```

Background

The CSS property to change the background color of an element to Hex 797897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797897 }
```

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

```
.background{ background-color:#797897 }
```

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