

Converting Colors

Hex(786994)

Have a look what the booklet for
Hex(786994) contains.

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Color

Hex(786994)

Conversions

Conversions Part 1

Format	Color
Hex	786994
RGB	120, 105, 148
RGB Percent	47%, 41%, 58%
CMY	0.5294, 0.5882, 0.4196
CMYK	0.19, 0.29, 0.00, 0.42
HSL	261°, 17%, 50%
HSV	261°, 29%, 58%
XYZ	18.1426, 16.2343, 30.1943
YIQ	114.3870, -4.8630, 16.5530

Conversions

Conversions Part 2

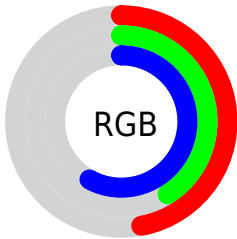
Format	Color
R_{YB}	120, 105, 148
Decimal	7891348
CIE _{Lab}	47.28, 15.13, -21.32
CIE _{LCh}	47, 26.140, 305.360
Yxy	16.2343, 0.2810, 0.2514
Android (android.graphics.Color)	4286081428 (0xFF786994)
YUV	114.3870, 16.5712, 4.9226
Hunter-Lab	40.2919, 9.8641, -16.2270

Details

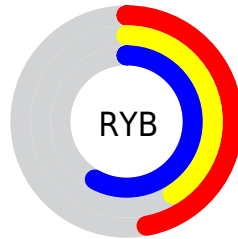
The Hex color **786994** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **859469**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **AD9CCA**, and **473A61** is the 20% darker color. If you saturate the color by 10%, you get **6E5A94**, and if you desaturate by 10%, it is **827894**.

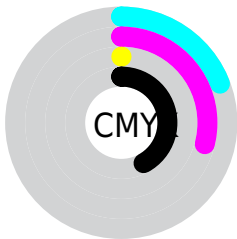
Distribution



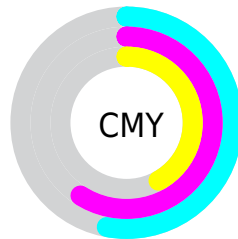
- Red (47%)
- Green (41%)
- Blue (58%)



- Red (47%)
- Yellow (41%)
- Blue (58%)



- Cyan (19%)
- Magenta (29%)
- Yellow (0%)
- Black (42%)



- Cyan (53%)
- Magenta (59%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786994 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 786994 by changing the saturation by 10% instead.

■ 786994

■ 786994

FFFFFF

■ 5F517A

■ AD9CCA

■ 473A61

■ C8B7E6

■ 2F2449

■ E5D3FF

■ 191032

■ FFEFFF

■ 00001D

■ 000000

■ 786994

■ 786994

■ 6E5A94

■ 827894

■ 654B94

■ 8B8794

5B3D94

959594

512E94

9FA494

481F94

A8B394

3E1094

B2C294

350194

BBD194

340094

C5DF94

CFEE94

Harmonies

Analogous

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



58719C



786994



8F6283

Triad

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



786994



8E6949



2D7C73

Complementary

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



786994



859469

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.



497A5D



786994



7B7044

Square

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



786994



996258



63764C



1D7B89

Rectangle

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



786994



986074



63764C



367C6C

Sweetspot

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



786994



B4AEBF



698694



5A5661



E0E0E0



616161

Same Dimension

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



786994



947CBF



8D6994



45434A



30008A



04000A

Inverse Universe

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



946985



BF7CA8



709469



4A4347



8A005A



0A0007

Previews

White Background



This preview shows how the Hex color 786994 looks on a white background.

Color Contrast Check

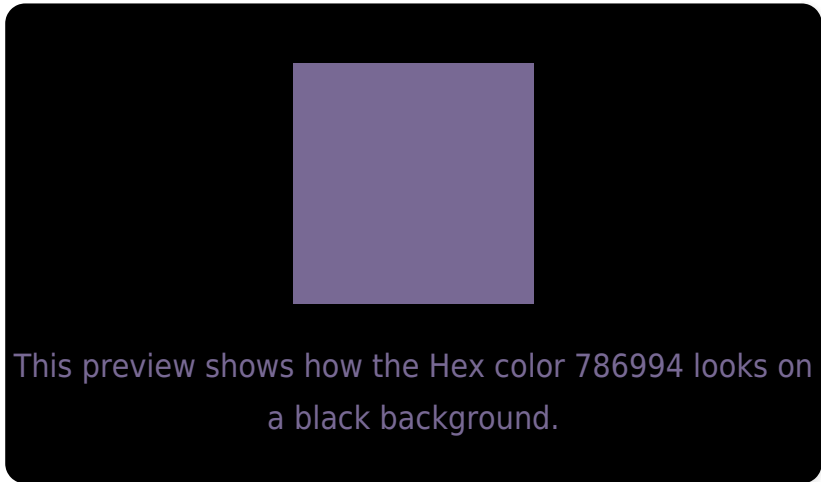
Large Text (above 18pt) WCAG AA ✓ Pass

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

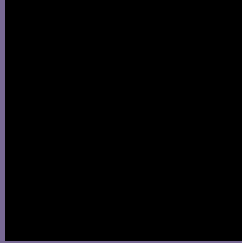
Any Text WCAG AA × Fail

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 786994 Background



This preview shows how black text looks on a background with the Hex color 786994.

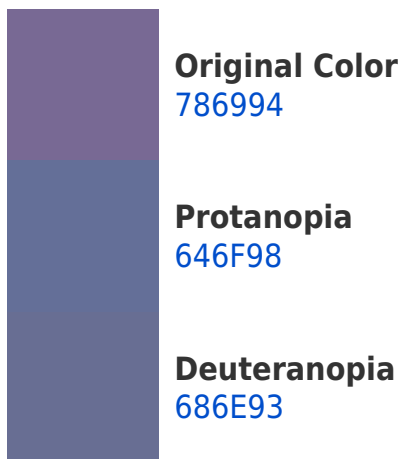


This preview shows how white text looks on a background with the Hex color 786994.

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





Tritanopia
736F77

Trichromacy



Original Color
786994

Protanomaly
6B6D97

Deuteranomaly
6E6C93

Tritanomaly
756D82

Monochromacy



Original Color
786994

Achromatopsia
727272

Achromatomaly
746F7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 786994 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 #786994 looks like.

```
.text, #text, p{  
    color:#786994  
}
```

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 #786994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786994
}
```

Border

The CSS property to change the border of an element to Hex 786994 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".

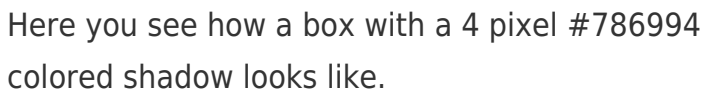
```
.border, #border, table{ border:4px solid
#786994 }
```

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

```
.border{ border-color:#786994 }
```

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

Here you see how a box with a 4 pixel #786994 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is shadowed, creating a 3D effect. The shadow is a darker shade of purple.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786994; -webkit-box-shadow:4px 4px  
4px 4px #786994; box-shadow:4px 4px 4px  
4px #786994 }
```

Background

The CSS property to change the background color of an element to Hex 786994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786994 }
```

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

```
.background{ background-color:#786994 }
```

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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