

Converting Colors

Hex(787BA6)

Have a look what the booklet for
Hex(787BA6) contains.

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Color

Hex(787BA6)

Conversions

Conversions Part 1

Format	Color
Hex	787BA6
RGB	120, 123, 166
RGB Percent	47%, 48%, 65%
CMY	0.5294, 0.5176, 0.3490
CMYK	0.28, 0.26, 0.00, 0.35
HSL	236°, 21%, 56%
HSV	236°, 28%, 65%
XYZ	21.7116, 20.9122, 38.9685
YIQ	127.0050, -15.5910, 12.7370

Conversions

Conversions Part 2

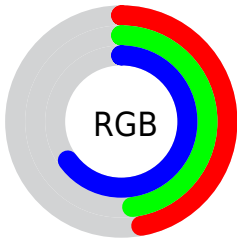
Format	Color
R _Y B	120, 123, 166
Decimal	7895974
CIE Lab	52.85, 8.87, -23.29
CIE LCh	53, 24.916, 290.846
Yxy	20.9122, 0.2661, 0.2563
Android (android.graphics.Color)	4286086054 (0xFF787BA6)
YUV	127.0050, 19.2245, -6.1434
Hunter-Lab	45.7298, 4.7211, -18.5129

Details

The Hex color **787BA6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A6A378**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **ADAFDD**, and **464A72** is the 20% darker color. If you saturate the color by 10%, you get **676BA6**, and if you desaturate by 10%, it is **898BA6**.

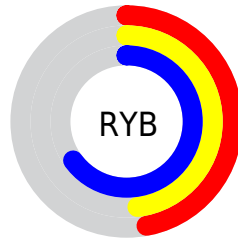
Distribution



Red (47%)

Green (48%)

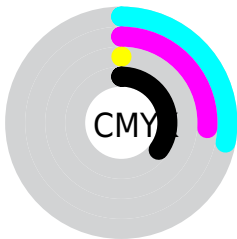
Blue (65%)



Red (47%)

Yellow (48%)

Blue (65%)

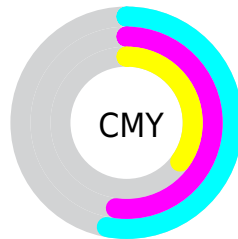


Cyan (28%)

Magenta (26%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787BA6 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 787BA6 by changing the saturation by 10% instead.

■ 787BA6

■ 787BA6

FFFFFF

■ 5F628C

■ ADAFDD

■ 464A72

■ C9CBFA

■ 2E3459

■ E5E7FF

■ 161F42

■ 00062B

■ 000116

■ 000000

■ 787BA6

■ 787BA6

■ 676BA6

■ 898BA6

■ 575CA6

■ 999AA6

■ 464CA6

■ AAAAA6

■ 363DA6

■ BAB9A6

■ 252DA6

■ CBC9A6

■ 141EA6

■ DCD8A6

■ 040EA6

■ ECE8A6

■ 000BA6

■ FDF7A6

■ FFFFA6

Harmonies

Analogous

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



5882A8



787BA6



937499

Triad

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



787BA6



A3735E



4C8A77

Complementary

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



787BA6



A6A378

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.



658763



787BA6



937B54

Square

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



787BA6



A96F70



7E8156



3A8A8D

Rectangle

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



787BA6



A0708D



7E8156



54896F

Sweetspot

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



787BA6



C7C9D9



78A6A3



63636E



EDEDED



6E6E6E

Same Dimension

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



787BA6



9196D9



8C78A6



4C4C54



000A94



000114

Inverse Universe

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



A6787B



D99196



92A678



544C4C



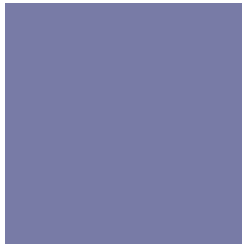
94000A



140001

Previews

White Background



This preview shows how the Hex color 787BA6 looks on a white background.

Color Contrast Check

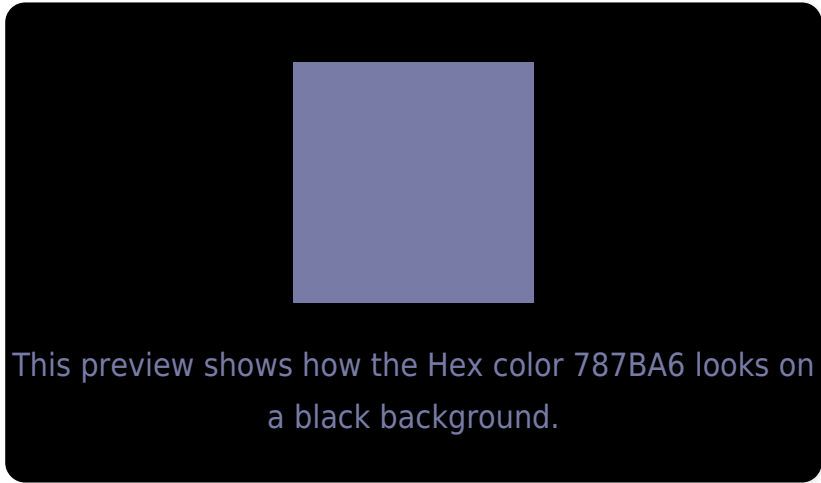
Large Text (above 18pt) WCAG AA ✓ Pass

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

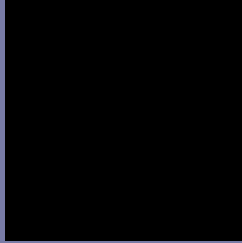
Any Text WCAG AA ✓ Pass

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 787BA6 Background



This preview shows how black text looks on a background with the Hex color 787BA6.



This preview shows how white text looks on a background with the Hex color 787BA6.

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
787BA6

Protanopia
727DA7

Deuteranopia
757CA6



Tritanopia
72808A

Trichromacy



Original Color
787BA6

Protanomaly
747CA7

Deuteranomaly
767CA6

Tritanomaly
747E94

Monochromacy



Original Color
787BA6

Achromatopsia
7F7F7F

Achromatomaly
7C7E8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 787BA6 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 #787BA6 looks like.

```
.text, #text, p{  
    color:#787BA6  
}
```

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 #787BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787BA6
}
```

Border

The CSS property to change the border of an element to Hex 787BA6 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
#787BA6 }
```

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

```
.border{ border-color:#787BA6 }
```

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

Here you see how a box with a 4 pixel #787BA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787BA6; -webkit-box-shadow:4px 4px  
4px 4px #787BA6; box-shadow:4px 4px 4px  
4px #787BA6 }
```

Background

The CSS property to change the background color of an element to Hex 787BA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787BA6 }
```

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

```
.background{ background-color:#787BA6 }
```

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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