

Converting Colors

Hex(786E99)

Have a look what the booklet for
Hex(786E99) contains.

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Color

Hex(786E99)

Conversions

Conversions Part 1

Format	Color
Hex	786E99
RGB	120, 110, 153
RGB Percent	47%, 43%, 60%
CMY	0.5294, 0.5686, 0.4000
CMYK	0.22, 0.28, 0.00, 0.40
HSL	254°, 17%, 52%
HSV	254°, 28%, 60%
XYZ	19.0714, 17.4448, 32.4990
YIQ	117.8920, -7.8430, 15.4930

Conversions

Conversions Part 2

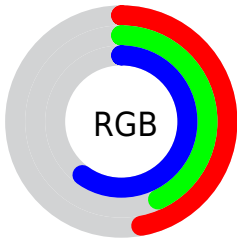
Format	Color
R_{YB}	120, 110, 153
Decimal	7892633
CIE _{Lab}	48.82, 13.34, -21.91
CIE _{LCh}	49, 25.651, 301.340
Yxy	17.4448, 0.2763, 0.2528
Android (android.graphics.Color)	4286082713 (0xFF786E99)
YUV	117.8920, 17.3082, 1.8487
Hunter-Lab	41.7670, 8.4134, -16.8968

Details

The Hex color **786E99** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8F996E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **ADA2CF**, and **473E66** is the 20% darker color. If you saturate the color by 10%, you get **6C5F99**, and if you desaturate by 10%, it is **847D99**.

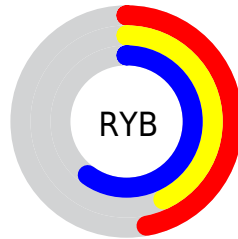
Distribution



Red (47%)

Green (43%)

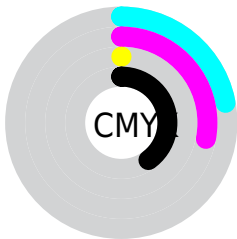
Blue (60%)



Red (47%)

Yellow (43%)

Blue (60%)

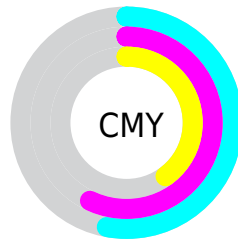


Cyan (22%)

Magenta (28%)

Yellow (0%)

Black (40%)



Cyan (53%)

Magenta (57%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786E99 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 786E99 by changing the saturation by 10% instead.

■ 786E99

■ 786E99

FFFFFF

■ 5F567F

■ ADA2CF

■ 473E66

■ C8BDEC

■ 2F284E

■ E5D8FF

■ 191437

■ FFF5FF

■ 000021

■ 000006

■ 000000

■ 786E99

■ 786E99

■ 6C5F99

■ 847D99

614F99

8F8D99

554099

9B9C99

493199

A7AB99

3D2299

B3BB99

321299

BECA99

260399

CAD999

240099

D6E899

E2F899

Harmonies

Analogous

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



58769F



786E99



906789

Triad

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



786E99



946B4E



378074

Complementary

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



786E99



8F996E

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.



517E5E



786E99



827348

Square

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



786E99



9E655E



6B794E



267F8A

Rectangle

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



786E99



9A647B



6B794E



407F6D

Sweetspot

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



786E99



BBB7C7



6E9099



5C5A63



E3E3E3



636363

Same Dimension

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



786E99



9383C7



8D6E99



47454D



21008C



03000D

Inverse Universe

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



996E8F



C783B7



7A996E



4D454B



8C006C



0D000A

Previews

White Background



This preview shows how the Hex color 786E99 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



This preview shows how the Hex color 786E99 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

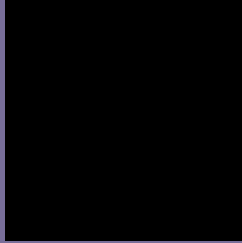
Any Text WCAG AA × Fail

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 786E99 Background



This preview shows how black text looks on a background with the Hex color 786E99.



This preview shows how white text looks on a background with the Hex color 786E99.

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
786E99

Protanopia
68739C

Deuteranopia
6C7298



Tritanopia
73737D

Trichromacy



Original Color
786E99

Protanomaly
6E719B

Deuteranomaly
707198

Tritanomaly
757187

Monochromacy



Original Color
786E99

Achromatopsia
767676

Achromatomaly
777383

CSS Examples

Text

The CSS property to change the color of the text to Hex 786E99 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 #786E99 looks like.

```
.text, #text, p{  
    color:#786E99  
}
```

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 #786E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786E99
}
```

Border

The CSS property to change the border of an element to Hex 786E99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

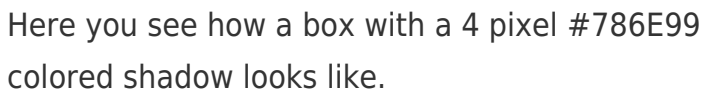
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#786E99 }
```

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

```
.border{ border-color:#786E99 }
```

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



Here you see how a box with a 4 pixel #786E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786E99; -webkit-box-shadow:4px 4px  
4px 4px #786E99; box-shadow:4px 4px 4px  
4px #786E99 }
```

Background

The CSS property to change the background color of an element to Hex 786E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786E99 }
```

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

```
.background{ background-color:#786E99 }
```

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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