

Converting Colors

Hex(781E80)

Have a look what the booklet for
Hex(781E80) contains.

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Color

Hex(781E80)

Conversions

Conversions Part 1

Format	Color
Hex	781E80
RGB	120, 30, 128
RGB Percent	47%, 12%, 50%
CMY	0.5294, 0.8824, 0.4980
CMYK	0.06, 0.77, 0.00, 0.50
HSL	295°, 62%, 31%
HSV	295°, 77%, 50%
XYZ	12.1063, 6.4801, 21.0348
YIQ	68.0820, 22.1820, 49.5580

Conversions

Conversions Part 2

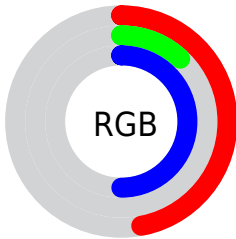
Format	Color
R_{YB}	120, 30, 128
Decimal	7872128
CIE _{Lab}	30.59, 50.74, -35.28
CIE _{LCh}	31, 61.803, 325.185
Yxy	6.4801, 0.3056, 0.1636
Android (android.graphics.Color)	4286062208 (0xFF781E80)
YUV	68.0820, 29.5396, 45.5321
Hunter-Lab	25.4561, 40.3420, -31.1730

Details

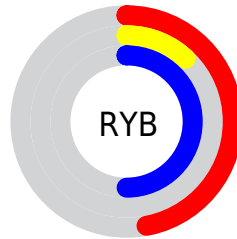
The Hex color **781E80** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **26801E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **AF55B5**, and **43004E** is the 20% darker color. If you saturate the color by 10%, you get **771180**, and if you desaturate by 10%, it is **792B80**.

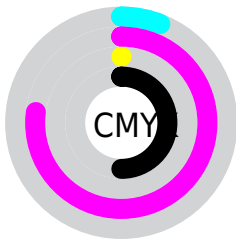
Distribution



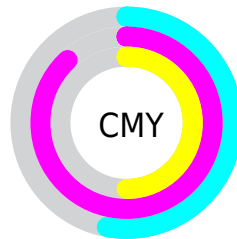
- Red (47%)
- Green (12%)
- Blue (50%)



- Red (47%)
- Yellow (12%)
- Blue (50%)



- Cyan (6%)
- Magenta (77%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (88%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 781E80 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 781E80 by changing the saturation by 10% instead.

781E80

781E80

FFFFFF

5D0067

AF55B5

43004E

CC6FD1

2D0037

E98AEE

040020

FFA5FF

000004

FFC2FF

000000

FFDEFF

FFFBFF

781E80

781E80

■ 771180

■ 792B80

■ 760480

■ 7A3880

■ 760080

■ 7B4480

■ 7C5180

■ 7D5E80

■ 7E6B80

■ 7F7880

■ 808480

■ 819180

Harmonies

Analogous

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



243FA1



781E80



960052

Triad

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



781E80



604400



005C70

Complementary

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



781E80



26801E

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.



005B3F



781E80



325100

Square

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



781E80



822B00



005804



005998

Rectangle

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



781E80



990032



005804



005C60

Sweetspot

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



781E80



A380A6



1E2680



523D54



D4D4D4



545454

Same Dimension

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



781E80



990DA6



801E57



3F3940



750080



000000

Inverse Universe

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



801E26



A60D1A



1E8047



40393A



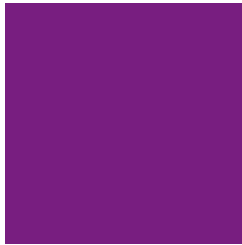
80000A



000000

Previews

White Background



This preview shows how the Hex color 781E80 looks on a white background.

Color Contrast Check

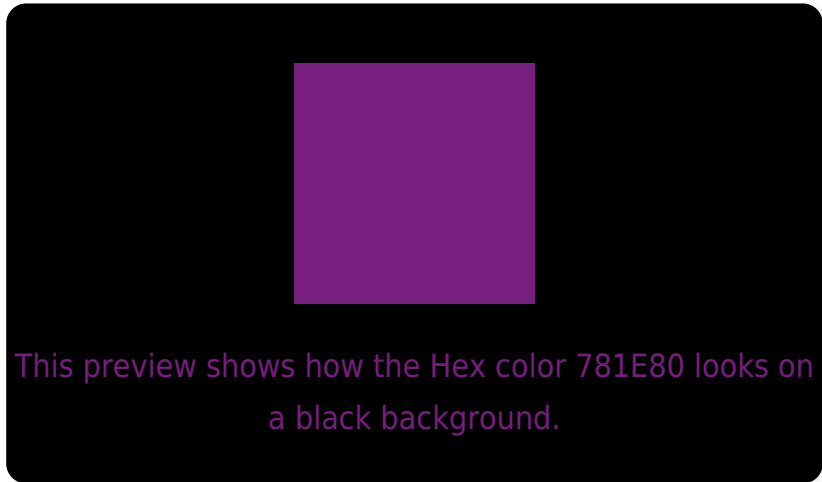
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

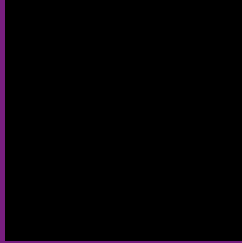
Any Text WCAG AA × Fail

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 781E80 Background



This preview shows how black text looks on a background with the Hex color 781E80.




This preview shows how white text looks on a background with the Hex color 781E80.

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
70383C

Trichromacy



Original Color

781E80



Protanomaly

2C388E



Deuteranomaly

463A7C



Tritanomaly

732F55

Monochromacy



Original Color

781E80



Achromatopsia

444444



Achromatomaly

57365A

CSS Examples

Text

The CSS property to change the color of the text to Hex 781E80 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 #781E80 looks like.

```
.text, #text, p{  
    color:#781E80  
}
```

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 #781E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #781E80
}
```

Border

The CSS property to change the border of an element to Hex 781E80 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
#781E80 }
```

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

```
.border{ border-color:#781E80 }
```

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

Here you see how a box with a 4 pixel #781E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #781E80; -webkit-box-shadow:4px 4px  
4px 4px #781E80; box-shadow:4px 4px 4px  
4px #781E80 }
```

Background

The CSS property to change the background color of an element to Hex 781E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#781E80 }
```

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

```
.background{ background-color:#781E80 }
```

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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