

Converting Colors

Hex(780E82)

Have a look what the booklet for
Hex(780E82) contains.

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Color

Hex(780E82)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 780E82 |
| RGB | 120, 14, 130 |
| RGB Percent | 47%, 5%, 51% |
| CMY | 0.5294, 0.9451, 0.4902 |
| CMYK | 0.08, 0.89, 0.00, 0.49 |
| HSL | 295°, 81%, 28% |
| HSV | 295°, 89%, 51% |
| XYZ | 11.9320, 5.9189, 21.6327 |
| YIQ | 58.9180, 25.9400, 58.5480 |

Conversions

Conversions Part 2

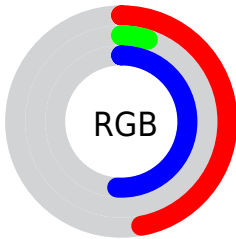
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 120, 14, 130 |
| Decimal | 7868034 |
| CIE _{Lab} | 29.21, 55.50, -38.76 |
| CIE _{LCh} | 29, 67.696, 325.071 |
| Yxy | 5.9189, 0.3022, 0.1499 |
| Android (android.graphics.Color) | 4286058114 (0xFF780E82) |
| YUV | 58.9180, 35.0434, 53.5689 |
| Hunter-Lab | 24.3287, 44.9703, -35.6896 |

Details

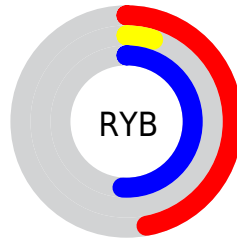
The Hex color **780E82** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **18820E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **B04CB8**, and **430050** is the 20% darker color. If you saturate the color by 10%, you get **770182**, and if you desaturate by 10%, it is **791B82**.

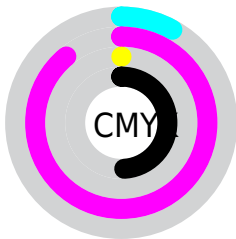
Distribution



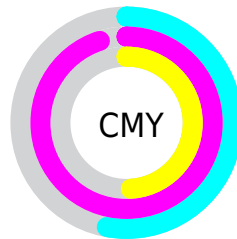
- Red (47%)
- Green (5%)
- Blue (51%)



- Red (47%)
- Yellow (5%)
- Blue (51%)



- Cyan (8%)
- Magenta (89%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (95%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 780E82 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 780E82 by changing the saturation by 10% instead.

 780E82

 780E82

FFFFFF

 5D0068

 B04CB8

 430050

 CC67D4

 2C0038

 E982F0

 000022

 FF9DFF

 000007

 FFBAFF

 000000

 FFD6FF

 FFF3FF

 780E82

 780E82

■ 770182

■ 791B82

■ 770082

■ 7A2882

■ 7B3582

■ 7C4282

■ 7E4F82

■ 7F5C82

■ 806982

■ 817682

■ 828382

Harmonies

Analogous

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



033BA6



780E82



980050

Triad

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



780E82



5C4000



005970

Complementary

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



780E82



18820E

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.



00583A



780E82



294F00

Square

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



780E82



822300



005500



00579C

Rectangle

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



780E82



9B002E



005500



00595F

Sweetspot

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



780E82



A47BA8



0E1A82



523954



D4D4D4



545454

Same Dimension

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



780E82



9A00A8



820E54



3F3940



750080



000000

Inverse Universe

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



820E18



A8000F



0E823C



40393A



80000B



000000

Previews

White Background



This preview shows how the Hex color 780E82 looks on a white background.

Color Contrast Check

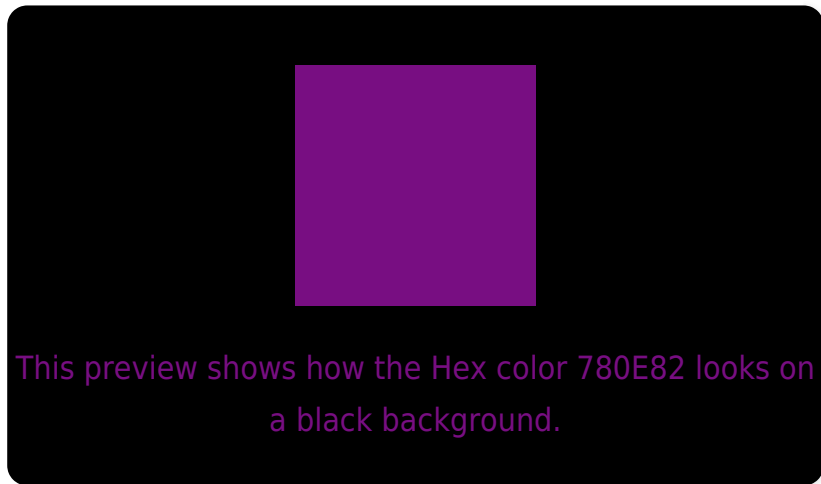
Large Text (above 18pt) WCAG AA ✓ Pass

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

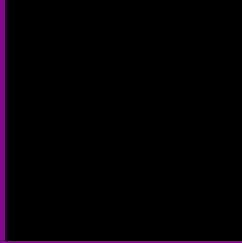
Any Text WCAG AA × Fail

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 780E82 Background



This preview shows how black text looks on a background with the Hex color 780E82.



This preview shows how white text looks on a background with the Hex color 780E82.

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
780E82

Protanopia
004491

Deuteranopia
1F487A



Tritanopia
6F3438

Trichromacy



Original Color
780E82



Protanomaly
2C308C



Deuteranomaly
3F337D



Tritanomaly
722653

Monochromacy



Original Color
780E82



Achromatopsia
3B3B3B



Achromatomaly
512B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 780E82 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 #780E82 looks like.

```
.text, #text, p{  
    color:#780E82  
}
```

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 #780E82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780E82
}
```

Border

The CSS property to change the border of an element to Hex 780E82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

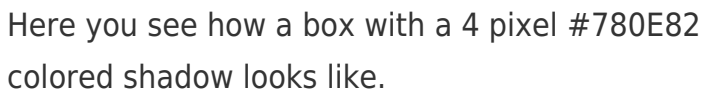
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#780E82 }
```

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

```
.border{ border-color:#780E82 }
```

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



Here you see how a box with a 4 pixel #780E82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #780E82; -webkit-box-shadow:4px 4px  
4px 4px #780E82; box-shadow:4px 4px 4px  
4px #780E82 }
```

Background

The CSS property to change the background color of an element to Hex 780E82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780E82 }
```

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

```
.background{ background-color:#780E82 }
```

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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