

Converting Colors

Hex(782C7C)

Have a look what the booklet for
Hex(782C7C) contains.

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Color

Hex(782C7C)

Conversions

Conversions Part 1

Format	Color
Hex	782C7C
RGB	120, 44, 124
RGB Percent	47%, 17%, 49%
CMY	0.5294, 0.8275, 0.5137
CMYK	0.03, 0.65, 0.00, 0.51
HSL	297°, 48%, 33%
HSV	297°, 65%, 49%
XYZ	12.2845, 7.2497, 19.8206
YIQ	75.8440, 19.6160, 40.9920

Conversions

Conversions Part 2

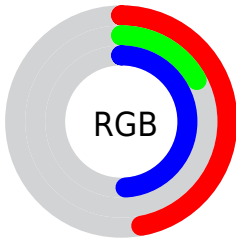
Format	Color
R_{YB}	120, 44, 124
Decimal	7875708
CIE _{Lab}	32.37, 44.31, -29.95
CIE _{LCh}	32, 53.488, 325.943
Yxy	7.2497, 0.3121, 0.1842
Android (android.graphics.Color)	4286065788 (0xFF782C7C)
YUV	75.8440, 23.7409, 38.7248
Hunter-Lab	26.9252, 34.3207, -24.7979

Details

The Hex color **782C7C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **307C2C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **AF5FB1**, and **44004B** is the 20% darker color. If you saturate the color by 10%, you get **77207C**, and if you desaturate by 10%, it is **79387C**.

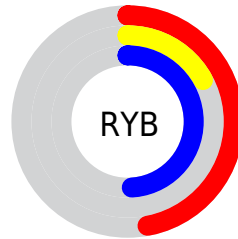
Distribution



Red (47%)

Green (17%)

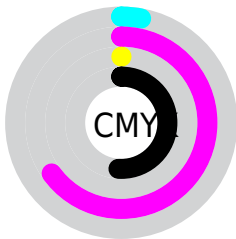
Blue (49%)



Red (47%)

Yellow (17%)

Blue (49%)

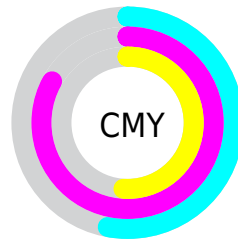


Cyan (3%)

Magenta (65%)

Yellow (0%)

Black (51%)



Cyan (53%)

Magenta (83%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 782C7C 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 782C7C by changing the saturation by 10% instead.

 782C7C

 782C7C

FFFFFF

 5E0F63

 AF5FB1

 44004B

 CB79CD

 2D0034

 E894E9

 0A001E

 FFB0FF

 000000

 FFC0FF

 FFE8FF

 782C7C

 782C7C

 77207C

 79387C

77137C

79457C

76077C

7A517C

76007C

7A5E7C

7B6A7C

7C767C

7C837C

7D8F7C

7E9C7C

Harmonies

Analogous

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



394499



782C7C



921554

Triad

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



782C7C



624800



005E70

Complementary

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



782C7C



307C2C

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.



005E45



782C7C



3A5400

Square

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



782C7C



813600



005B18



005C92

Rectangle

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



782C7C



951738



005B18



005E62

Sweetspot

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



782C7C



9F82A1



2C307C



513F52



D1D1D1



525252

Same Dimension

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



782C7C



9A25A1



7C2C58



3D373D



77007D



F000FC

Inverse Universe

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



7C2C30



A1252B



2C7C50



3D3737



7D0006



FC000D

Previews

White Background



This preview shows how the Hex color 782C7C looks on a white background.

Color Contrast Check

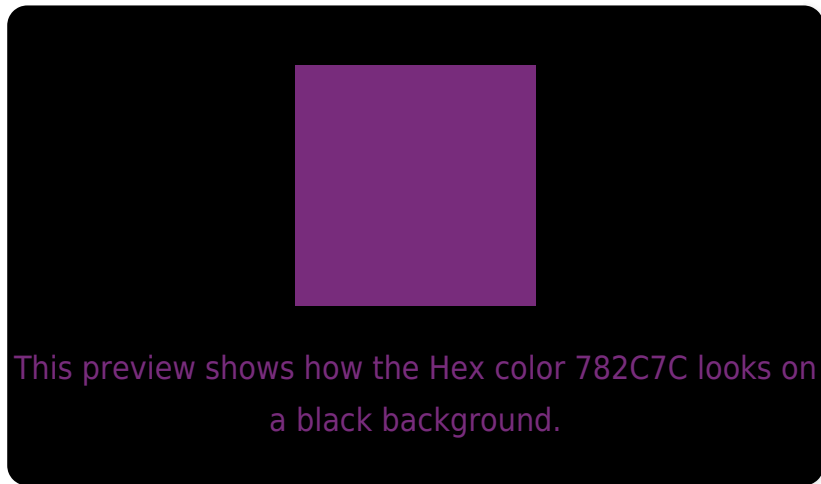
Large Text (above 18pt) WCAG AA ✓ Pass

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

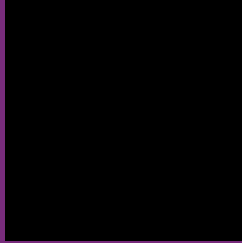
Any Text WCAG AA × Fail

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 782C7C Background



This preview shows how black text looks on a background with the Hex color 782C7C.

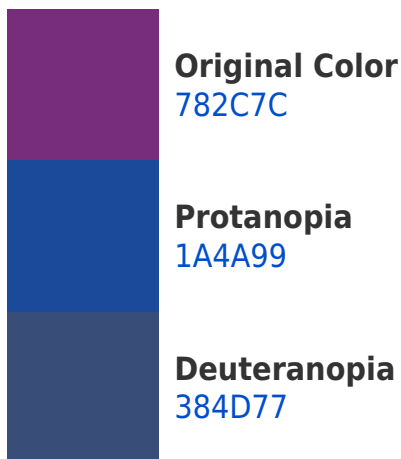



This preview shows how white text looks on a background with the Hex color 782C7C.

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
713E42

Trichromacy



Original Color
782C7C



Protanomaly
3C3F8E



Deuteranomaly
4F4179



Tritanomaly
743757

Monochromacy



Original Color
782C7C



Achromatopsia
4C4C4C



Achromatomaly
5C405D

CSS Examples

Text

The CSS property to change the color of the text to Hex 782C7C 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 #782C7C looks like.

```
.text, #text, p{  
    color:#782C7C  
}
```

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 #782C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #782C7C
}
```

Border

The CSS property to change the border of an element to Hex 782C7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

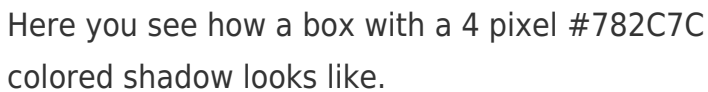
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#782C7C }
```

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

```
.border{ border-color:#782C7C }
```

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



Here you see how a box with a 4 pixel #782C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #782C7C; -webkit-box-shadow:4px 4px  
4px 4px #782C7C; box-shadow:4px 4px 4px  
4px #782C7C }
```

Background

The CSS property to change the background color of an element to Hex 782C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#782C7C }
```

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

```
.background{ background-color:#782C7C }
```

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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