

Converting Colors

Hex(781D78)

Have a look what the booklet for
Hex(781D78) contains.

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Color

Hex(781D78)

Conversions

Conversions Part 1

Format	Color
Hex	781D78
RGB	120, 29, 120
RGB Percent	47%, 11%, 47%
CMY	0.5294, 0.8863, 0.5294
CMYK	0.00, 0.76, 0.00, 0.53
HSL	300°, 61%, 29%
HSV	300°, 76%, 47%
XYZ	11.5753, 6.2279, 18.3613
YIQ	66.5830, 25.0250, 47.5930

Conversions

Conversions Part 2

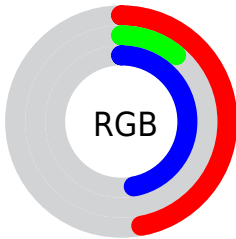
Format	Color
RYB	120, 29, 120
Decimal	7871864
CIELab	29.98, 49.65, -31.22
CIElCh	30, 58.647, 327.837
Yxy	6.2279, 0.3201, 0.1722
Android (android.graphics.Color)	4286061944 (0xFF781D78)
YUV	66.5830, 26.3346, 46.8467
Hunter-Lab	24.9557, 39.1216, -26.1540

Details

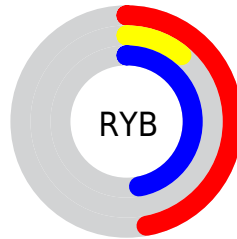
The Hex color **781D78** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1D781D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **AF54AD**, and **440047** is the 20% darker color. If you saturate the color by 10%, you get **781178**, and if you desaturate by 10%, it is **782978**.

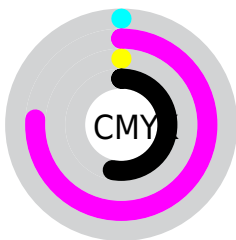
Distribution



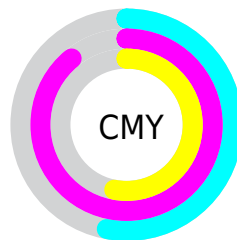
- Red (47%)
- Green (11%)
- Blue (47%)



- Red (47%)
- Yellow (11%)
- Blue (47%)



- Cyan (0%)
- Magenta (76%)
- Yellow (0%)
- Black (53%)



- Cyan (53%)
- Magenta (89%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 781D78 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 781D78 by changing the saturation by 10% instead.

 781D78

 781D78

FFFFFF

 5D005F

 AF54AD

 440047

 CB6EC8

 2E0030

 E889E5

 01001A

 FFA4FF

 000000

 FFC0FF

 FFD0FF

 FFFAFF

 781D78

 781D78

■ 781178

■ 782978

■ 780578

■ 783578

■ 780078

■ 784178

■ 784D78

■ 785978

■ 786578

■ 787178

■ 787D78

■ 788978

Harmonies

Analogous

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



343C99



781D78



91004C

Triad

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



781D78



5A4400



005970

Complementary

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



781D78



1D781D

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.



005942



781D78



2E5000

Square

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



781D78



7C2F00



00560F



005794

Rectangle

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



781D78



93002E



00560F



005961

Sweetspot

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



781D78



9C789C



1D1D78



4F394F



CFCFCF



4F4F4F

Same Dimension

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



781D78



9C0E9C



781D4A



3D373D



7D007D



FC00FC

Inverse Universe

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



781D78



9C0E9C



1D784A



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 781D78 looks on a white background.

Color Contrast Check

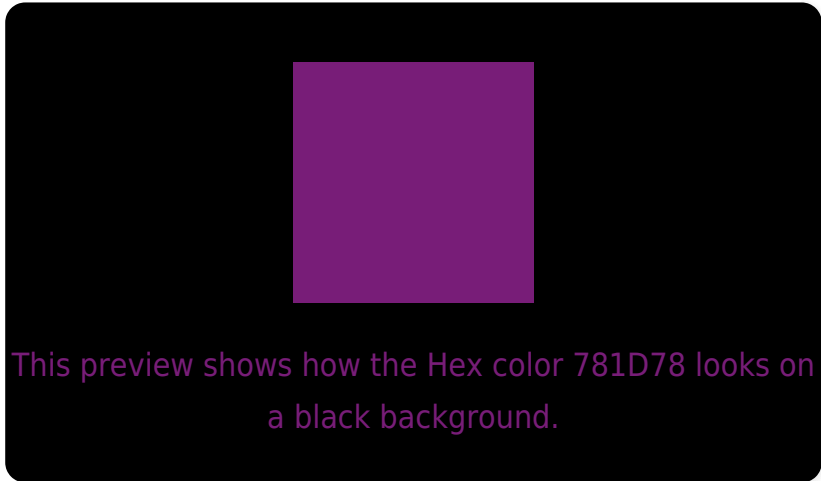
Large Text (above 18pt) WCAG AA ✓ Pass

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

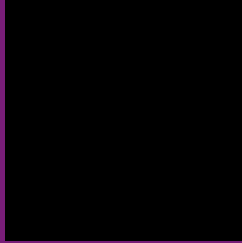
Any Text WCAG AA × Fail

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 781D78 Background



This preview shows how black text looks on a background with the Hex color 781D78.



This preview shows how white text looks on a background with the Hex color 781D78.

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
713539

Trichromacy



Original Color
781D78



Protanomaly
2C3689



Deuteranomaly
4B3874



Tritanomaly
742C50

Monochromacy



Original Color
781D78



Achromatopsia
434343



Achromatomaly
563556

CSS Examples

Text

The CSS property to change the color of the text to Hex 781D78 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 #781D78 looks like.

```
.text, #text, p{  
    color:#781D78  
}
```

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 #781D78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #781D78
}
```

Border

The CSS property to change the border of an element to Hex 781D78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

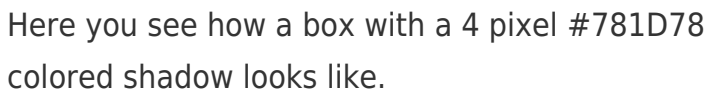
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#781D78 }
```

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

```
.border{ border-color:#781D78 }
```

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



Here you see how a box with a 4 pixel #781D78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #781D78; -webkit-box-shadow:4px 4px  
4px 4px #781D78; box-shadow:4px 4px 4px  
4px #781D78 }
```

Background

The CSS property to change the background color of an element to Hex 781D78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#781D78 }
```

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

```
.background{ background-color:#781D78 }
```

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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