

Converting Colors

Hex(781267)

Have a look what the booklet for
Hex(781267) contains.

| | |
|--|----|
| Hex(781267) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(781267)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 781267 |
| RGB | 120, 18, 103 |
| RGB Percent | 47%, 7%, 40% |
| CMY | 0.5294, 0.9294, 0.5961 |
| CMYK | 0.00, 0.85, 0.14, 0.53 |
| HSL | 310°, 74%, 27% |
| HSV | 310°, 85%, 47% |
| XYZ | 10.4102, 5.4050, 13.3265 |
| YIQ | 58.1880, 33.5070, 48.0590 |

Conversions

Conversions Part 2

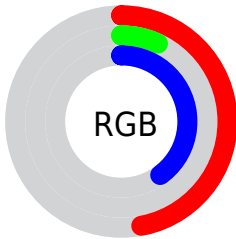
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 120, 18, 103 |
| Decimal | 7869031 |
| CIE _{Lab} | 27.86, 50.18, -23.68 |
| CIE _{LCh} | 28, 55.488, 334.736 |
| Yxy | 5.4050, 0.3572, 0.1855 |
| Android (android.graphics.Color) | 4286059111 (0xFF781267) |
| YUV | 58.1880, 22.0923, 54.2091 |
| Hunter-Lab | 23.2486, 39.2436, -17.7122 |

Details

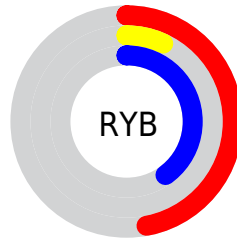
The Hex color **781267** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **127823**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **AF4C9A**, and **430038** is the 20% darker color. If you saturate the color by 10%, you get **780665**, and if you desaturate by 10%, it is **781E69**.

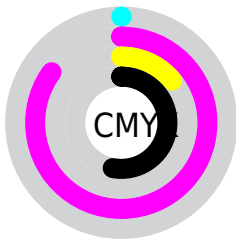
Distribution



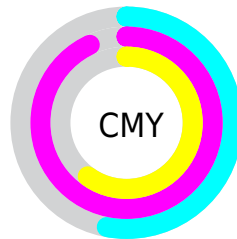
- Red (47%)
- Green (7%)
- Blue (40%)



- Red (47%)
- Yellow (7%)
- Blue (40%)



- Cyan (0%)
- Magenta (85%)
- Yellow (14%)
- Black (53%)



- Cyan (53%)
- Magenta (93%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 781267 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 781267 by changing the saturation by 10% instead.

 781267

 781267

FFFFFF

 5D004F

 AF4C9A

 430038

 CC67B5

 2C0022

 E982D1

 000007

 FF9DED

 000000

 FFB9FF

 FFD5FF

 FFF2FF

 781267

 781267

■ 780665

■ 781E69

■ 780064

■ 782A6B

■ 78366D

■ 78426F

■ 784E71

■ 785A73

■ 786675

■ 787277

■ 787E79

Harmonies

Analogous

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



463289



781267



89003D

Triad

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



781267



4C4200



005372

Complementary

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



781267



127823

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.



005348



781267



1D4C00

Square

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



781267



6D3100



00511A



005090

Rectangle

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



781267



880321



00511A



005365

Sweetspot

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



781267



9C7395



231278



4F374B



CFCFCF



4F4F4F

Same Dimension

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



781267



9C0082



781234



3D373C



7D0068



FC00D2

Inverse Universe

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



781267



9C0082



127856



3D373C



7D0068



FC00D2

Previews

White Background



This preview shows how the Hex color 781267 looks on a white background.

Color Contrast Check

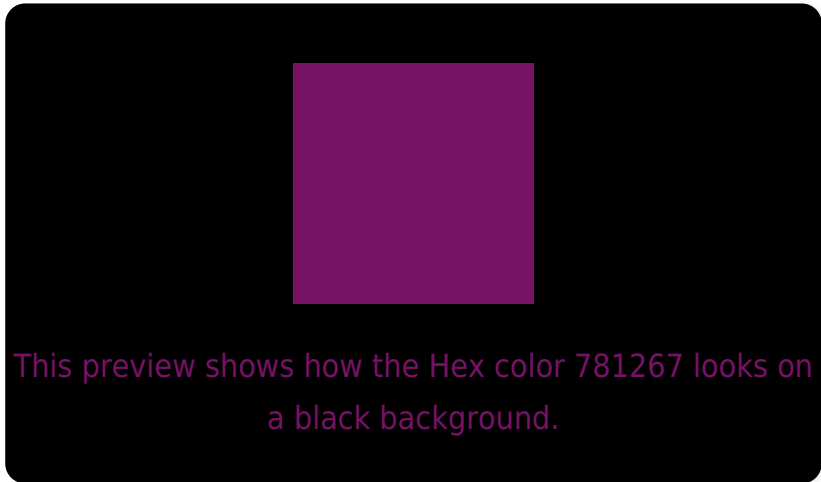
Large Text (above 18pt) WCAG AA ✓ Pass

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

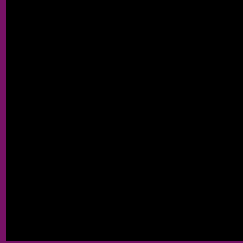
Any Text WCAG AA × Fail

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 781267 Background



This preview shows how black text looks on a background with the Hex color 781267.

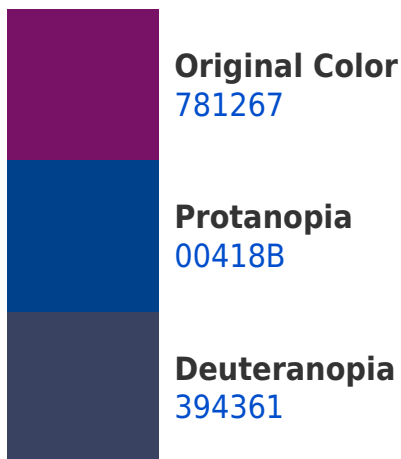


This preview shows how white text looks on a background with the Hex color 781267.

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
732B2E

Trichromacy



Original Color
781267

Protanomaly
2C307E

Deuteranomaly
503163

Tritanomaly
752243

Monochromacy



Original Color
781267

Achromatopsia
3A3A3A

Achromatomaly
512B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 781267 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 #781267 looks like.

```
.text, #text, p{  
    color:#781267  
}
```

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 #781267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #781267
}
```

Border

The CSS property to change the border of an element to Hex 781267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

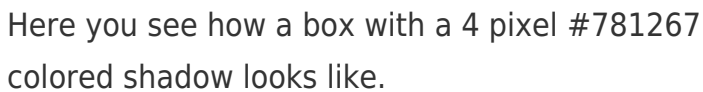
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#781267 }
```

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

```
.border{ border-color:#781267 }
```

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



Here you see how a box with a 4 pixel #781267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #781267; -webkit-box-shadow:4px 4px  
4px 4px #781267; box-shadow:4px 4px 4px  
4px #781267 }
```

Background

The CSS property to change the background color of an element to Hex 781267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#781267 }
```

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

```
.background{ background-color:#781267 }
```

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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