

Converting Colors

Hex(781842)

Have a look what the booklet for
Hex(781842) contains.

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Color

Hex(781842)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 781842 |
| RGB | 120, 24, 66 |
| RGB Percent | 47%, 9%, 26% |
| CMY | 0.5294, 0.9059, 0.7412 |
| CMYK | 0.00, 0.80, 0.45, 0.53 |
| HSL | 334°, 67%, 28% |
| HSV | 334°, 80%, 47% |
| XYZ | 9.0557, 5.0397, 5.6497 |
| YIQ | 57.4920, 43.7340, 33.4140 |

Conversions

Conversions Part 2

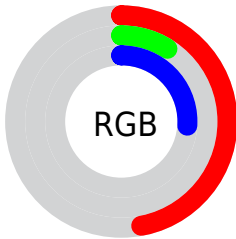
| Format | Color |
|-------------------------------------|-----------------------------|
| R_YB | 120, 24, 66 |
| Decimal | 7870530 |
| CIE Lab | 26.85, 43.68, -0.72 |
| CIE LCh | 27, 43.684, 359.054 |
| Yxy | 5.0397, 0.4586, 0.2552 |
| Android (android.graphics.Color) | 4286060610 (0xFF781842) |
| YUV | 57.4920, 4.1944, 54.8195 |
| Hunter-Lab | 22.4492, 32.7184, 0.7932 |

Details

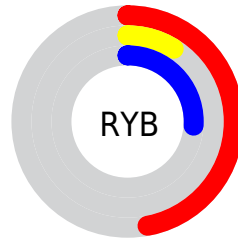
The Hex color **781842** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **18784E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **B04E72**, and **420018** is the 20% darker color. If you saturate the color by 10%, you get **780C3B**, and if you desaturate by 10%, it is **782449**.

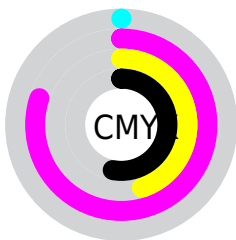
Distribution



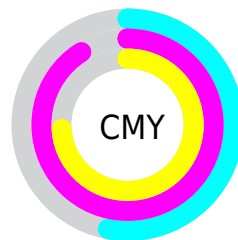
- Red (47%)
- Green (9%)
- Blue (26%)



- Red (47%)
- Yellow (9%)
- Blue (26%)



- Cyan (0%)
- Magenta (80%)
- Yellow (45%)
- Black (53%)



- Cyan (53%)
- Magenta (91%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 781842 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 781842 by changing the saturation by 10% instead.

 781842

 781842

FFFFFF

 5D002C

 B04E72

 420018

 CD688B

 2B0001

 EA83A5

 000000

 FF9EC1

 FFBADC

 FFD6F9

 FFF3FF

 781842

 781842

■ 780C3B

■ 782449

■ 780034

■ 783050

■ 783C56

■ 78485D

■ 785464

■ 78606A

■ 786C71

■ 787878

■ 78847F

Harmonies

Analogous

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



662562



781842



771F21

Triad

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



781842



2E4700



004B79

Complementary

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



781842



18784E

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.



004E5F



781842



004C1A

Square

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



781842



4F3E00



004E3D



004483

Rectangle

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



781842



6E2A0C



004E3D



004D72

Sweetspot

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



781842



9C7687



4D1878



4F3842



CFCFCF



4F4F4F

Same Dimension

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



781842



9C0648



781D18



3D373A



7D0037



FC006E

Inverse Universe

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



781842



9C0648



187378



3D373A



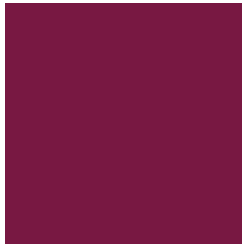
7D0037



FC006E

Previews

White Background



This preview shows how the Hex color 781842 looks on a white background.

Color Contrast Check

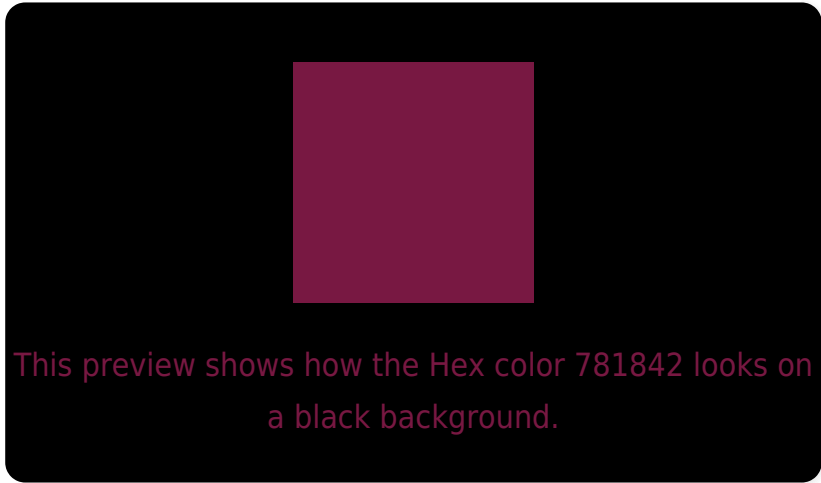
Large Text (above 18pt) WCAG AA ✓ Pass

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 781842 Background



This preview shows how black text looks on a background with the Hex color 781842.

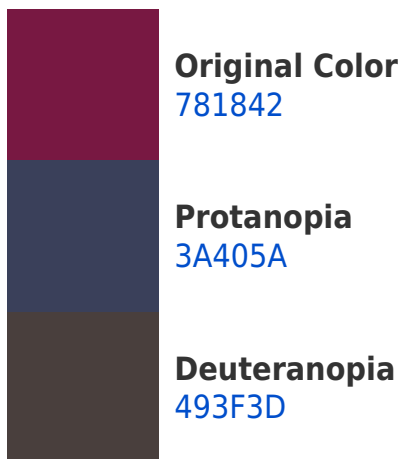


This preview shows how white text looks on a background with the Hex color 781842.

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



Trichromacy



Original Color
781842

Protanomaly
513151

Deuteranomaly
5A313F

Tritanomaly
771E2E

Monochromacy



Original Color
781842

Achromatopsia
393939

Achromatomaly
502D3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 781842 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 #781842 looks like.

```
.text, #text, p{  
    color:#781842  
}
```

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 #781842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #781842
}
```

Border

The CSS property to change the border of an element to Hex 781842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

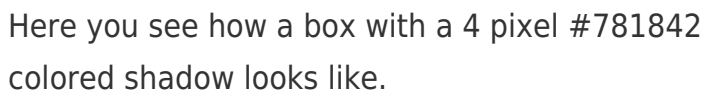
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#781842 }
```

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

```
.border{ border-color:#781842 }
```

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



Here you see how a box with a 4 pixel #781842 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #781842; -webkit-box-shadow:4px 4px  
4px 4px #781842; box-shadow:4px 4px 4px  
4px #781842 }
```

Background

The CSS property to change the background color of an element to Hex 781842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#781842 }
```

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

```
.background{ background-color:#781842 }
```

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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