

Converting Colors

Hex(781733)

Have a look what the booklet for
Hex(781733) contains.

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Color

Hex(781733)

Conversions

Conversions Part 1

Format	Color
Hex	781733
RGB	120, 23, 51
RGB Percent	47%, 9%, 20%
CMY	0.5294, 0.9098, 0.8000
CMYK	0.00, 0.81, 0.58, 0.53
HSL	343°, 68%, 28%
HSV	343°, 81%, 47%
XYZ	8.6497, 4.8449, 3.6112
YIQ	55.1950, 48.8240, 29.2720

Conversions

Conversions Part 2

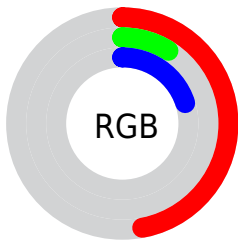
Format	Color
R_{YB}	120, 23, 51
Decimal	7870259
CIE _{Lab}	26.29, 42.62, 8.65
CIE _{LCh}	26, 43.493, 11.475
Yxy	4.8449, 0.5057, 0.2832
Android (android.graphics.Color)	4286060339 (0xFF781733)
YUV	55.1950, -2.0681, 56.8340
Hunter-Lab	22.0111, 31.6255, 5.6804

Details

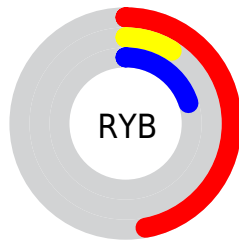
The Hex color **781733** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **17785C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **B14D61**, and **420004** is the 20% darker color. If you saturate the color by 10%, you get **780B2A**, and if you desaturate by 10%, it is **78233C**.

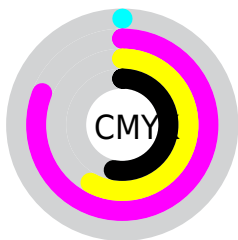
Distribution



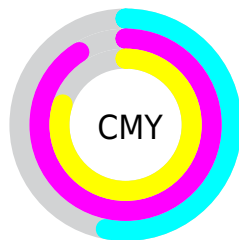
- Red (47%)
- Green (9%)
- Blue (20%)



- Red (47%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (81%)
- Yellow (58%)
- Black (53%)



- Cyan (53%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 781733 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 781733 by changing the saturation by 10% instead.

 781733

 781733

FFFFFF

 5C001E

 B14D61

 420004

 CE677A

 280001

 EC8193

 000000

 FF9CAE

 FFB8C9

 FFD4E5

 FFF1FF

 781733

 781733

 780B2A

 78233C

 780023

 782F44

 783B4D

 784755

 78535E

 785F66

 786B6F

 787777

 788380

Harmonies

Analogous

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



6E1D54



781733



712513

Triad

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



781733



1A4803



00487D

Complementary

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



781733



17785C

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.



004C6A



781733



004C28

Square

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



781733



414100



004D4A



003E80

Rectangle

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



781733



653000



004D4A



004A78

Sweetspot

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



781733



9C7681



5B1778



4F383F



CFCFCF



4F4F4F

Same Dimension

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



781733



9C0530



782A17



3D3739



7D0024



FC0049

Inverse Universe

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



781733



9C0530



176578



3D3739



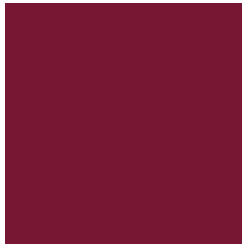
7D0024



FC0049

Previews

White Background



This preview shows how the Hex color 781733 looks on a white background.

Color Contrast Check

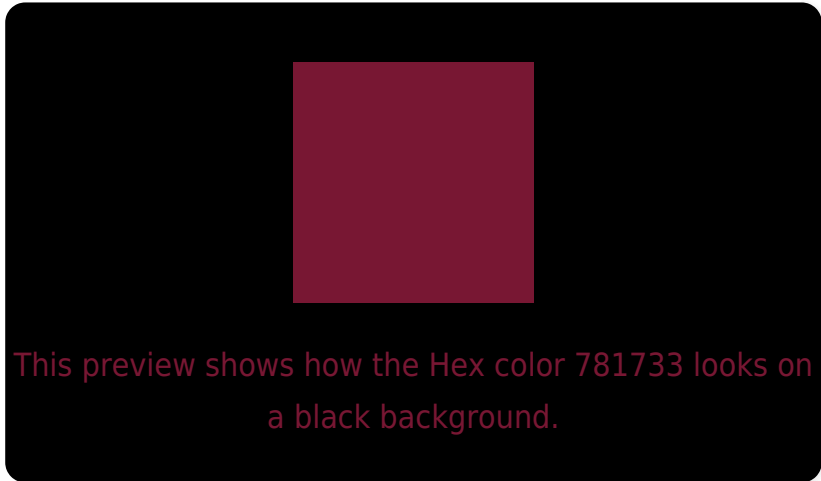
Large Text (above 18pt) WCAG AA ✓ Pass

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 781733 Background



This preview shows how black text looks on a background with the Hex color 781733.



This preview shows how white text looks on a background with the Hex color 781733.

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
781733

Protanopia
3F4046

Deuteranopia
4C3D2E



Tritanopia
771D1D

Trichromacy



Original Color
781733

Protanomaly
54313F

Deuteranomaly
5C2F30

Tritanomaly
771B25

Monochromacy



Original Color
781733

Achromatopsia
373737

Achromatomaly
4F2B36

CSS Examples

Text

The CSS property to change the color of the text to Hex 781733 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 #781733 looks like.

```
.text, #text, p{  
    color:#781733  
}
```

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 #781733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #781733
}
```

Border

The CSS property to change the border of an element to Hex 781733 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
#781733 }
```

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

```
.border{ border-color:#781733 }
```

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

Here you see how a box with a 4 pixel #781733 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #781733; -webkit-box-shadow:4px 4px  
4px 4px #781733; box-shadow:4px 4px 4px  
4px #781733 }
```

Background

The CSS property to change the background color of an element to Hex 781733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#781733 }
```

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

```
.background{ background-color:#781733 }
```

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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