

Converting Colors

Hex(7C283E)

Have a look what the booklet for
Hex(7C283E) contains.

Hex(7C283E)	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(7C283E)

Conversions

Conversions Part 1

Format	Color
Hex	7C283E
RGB	124, 40, 62
RGB Percent	49%, 16%, 24%
CMY	0.5137, 0.8431, 0.7569
CMYK	0.00, 0.68, 0.50, 0.51
HSL	344°, 51%, 32%
HSV	344°, 68%, 49%
XYZ	9.9405, 6.1505, 5.2207
YIQ	67.6240, 43.0020, 24.6500

Conversions

Conversions Part 2

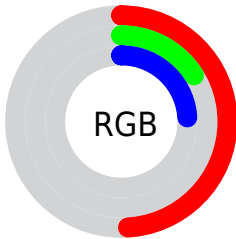
Format	Color
R_{YB}	124, 40, 62
Decimal	8136766
CIE _{Lab}	29.79, 38.21, 6.29
CIE _{LCh}	30, 38.721, 9.346
Yxy	6.1505, 0.4664, 0.2886
Android (android.graphics.Color)	4286326846 (0xFF7C283E)
YUV	67.6240, -2.7726, 49.4418
Hunter-Lab	24.8001, 28.1467, 4.8790

Details

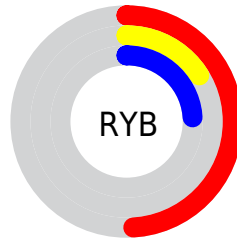
The Hex color **7C283E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **287C66**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **B45B6D**, and **460014** is the 20% darker color. If you saturate the color by 10%, you get **7C1C35**, and if you desaturate by 10%, it is **7C3447**.

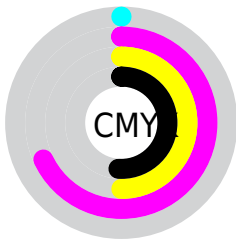
Distribution



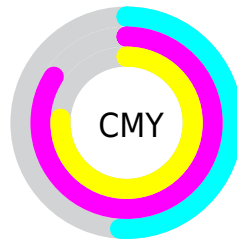
- Red (49%)
- Green (16%)
- Blue (24%)



- Red (49%)
- Yellow (16%)
- Blue (24%)



- Cyan (0%)
- Magenta (68%)
- Yellow (50%)
- Black (51%)



- Cyan (51%)
- Magenta (84%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C283E 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 7C283E by changing the saturation by 10% instead.

 7C283E

 7C283E

FFFFFF

 610C28

 B45B6D

 460014

 D17487

 300002

 EE8FA1

 000000

 FFAABC

 FFC6D7

 FFE2F4

 7C283E

 7C283E

 7C1C35

 7C3447

 7C0F2C

 7C4150

 7C0323

 7C4D59

 7C0020

 7C5A63

 7C666C

 7C7275

 7C7F7E

 7C8B87

 7C9890

Harmonies

Analogous

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



712D5C



7C283E



773021

Triad

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



7C283E



2B4F13



004F7E

Complementary

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



7C283E



287C66

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.



00536C



7C283E



005330

Square

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



7C283E



4C4800



00544F



0E4782

Rectangle

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



7C283E



6C3911



00544F



00517A

Sweetspot

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



7C283E



A18189



66287C



523E43



D1D1D1



525252

Same Dimension

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



7C283E



A11F41



7C3C28



3D3739



7D0021



FC0042

Inverse Universe

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



7C283E



A11F41



28687C



3D3739



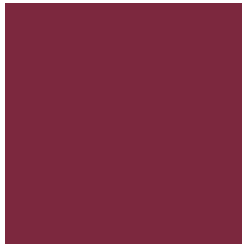
7D0021



FC0042

Previews

White Background



This preview shows how the Hex color 7C283E looks on a white background.

Color Contrast Check

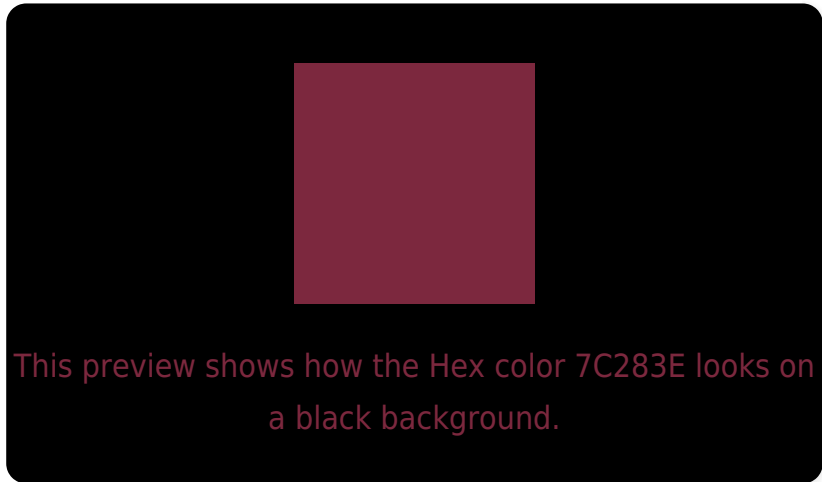
Large Text (above 18pt) WCAG AA ✓ Pass

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

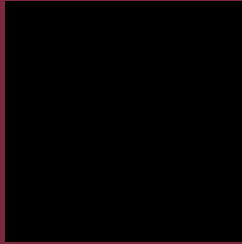
Any Text WCAG AA × Fail

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 7C283E Background



This preview shows how black text looks on a background with the Hex color 7C283E.



This preview shows how white text looks on a background with the Hex color 7C283E.

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
7C283E

Protanopia
46474E

Deuteranopia
53453A



Tritanopia
7B2B2E

Trichromacy



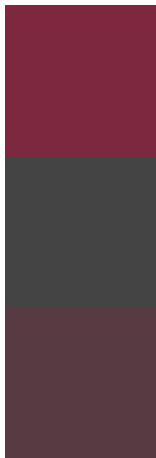
Original Color
7C283E

Protanomaly
5A3C48

Deuteranomaly
623A3B

Tritanomaly
7B2A34

Monochromacy



Original Color
7C283E

Achromatopsia
444444

Achromatomaly
583A42

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C283E 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 #7C283E looks like.

```
.text, #text, p{  
    color:#7C283E  
}
```

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 #7C283E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C283E
}
```

Border

The CSS property to change the border of an element to Hex 7C283E is called "border". The border property can be set on classes, ids or directly on the HTML element.

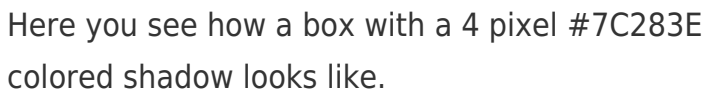
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C283E }
```

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

```
.border{ border-color:#7C283E }
```

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



Here you see how a box with a 4 pixel `#7C283E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C283E; -webkit-box-shadow:4px 4px  
4px 4px #7C283E; box-shadow:4px 4px 4px  
4px #7C283E }
```

Background

The CSS property to change the background color of an element to Hex 7C283E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C283E }
```

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

```
.background{ background-color:#7C283E }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor