

Converting Colors

Hex(7C2735)

Have a look what the booklet for
Hex(7C2735) contains.

Hex(7C2735)	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(7C2735)

Conversions

Conversions Part 1

Format	Color
Hex	7C2735
RGB	124, 39, 53
RGB Percent	49%, 15%, 21%
CMY	0.5137, 0.8471, 0.7922
CMYK	0.00, 0.69, 0.57, 0.51
HSL	350°, 52%, 32%
HSV	350°, 69%, 49%
XYZ	9.6803, 5.9932, 4.0147
YIQ	66.0110, 46.1660, 22.3740

Conversions

Conversions Part 2

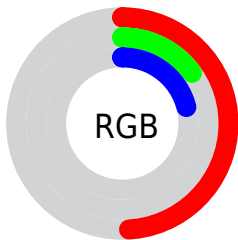
Format	Color
R _Y B	124, 39, 53
Decimal	8136501
CIE Lab	29.40, 37.83, 11.70
CIE LCh	29, 39.599, 17.185
Yxy	5.9932, 0.4917, 0.3044
Android (android.graphics.Color)	4286326581 (0xFF7C2735)
YUV	66.0110, -6.4144, 50.8564
Hunter-Lab	24.4809, 27.7412, 7.4134

Details

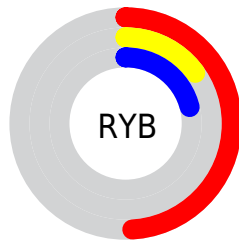
The Hex color **7C2735** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **277C6E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **B55A63**, and **460008** is the 20% darker color. If you saturate the color by 10%, you get **7C1B2B**, and if you desaturate by 10%, it is **7C333F**.

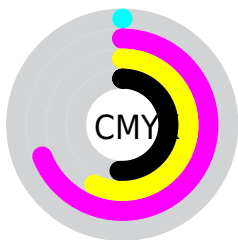
Distribution



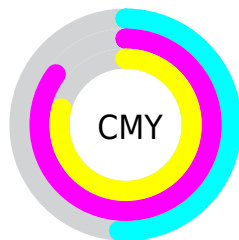
- Red (49%)
- Green (15%)
- Blue (21%)



- Red (49%)
- Yellow (15%)
- Blue (21%)



- Cyan (0%)
- Magenta (69%)
- Yellow (57%)
- Black (51%)



- Cyan (51%)
- Magenta (85%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C2735 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 7C2735 by changing the saturation by 10% instead.

 7C2735

 7C2735

FFFFFF

 610A20

 B55A63

 460008

 D2737C

 2E0002

 EF8E96

 000000

 FFA9B1

 FFC5CC

 FFE1E8

 FFFEFF

 7C2735

 7C2735

 7C1B2B

 7C333F

 7C0E20

 7C404A

 7C0216

 7C4C54

 7C0014

 7C595E

 7C6569

 7C7173

 7C7E7E

 7C8A88

 7C9792

Harmonies

Analogous

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



762854



7C2735



733219

Triad

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



7C2735



1E4F18



004D81

Complementary

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



7C2735



277C6E

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.



005272



7C2735



005337

Square

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



7C2735



434900



005357



284380

Rectangle

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



7C2735



673B07



005357



004F7E

Sweetspot

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



7C2735



A17F84



6E277C



523D41



D1D1D1



525252

Same Dimension

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



7C2735



A11D33



7C4327



3D3738



7D0015



FC002A

Inverse Universe

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



7C2735



A11D33



27607C



3D3738



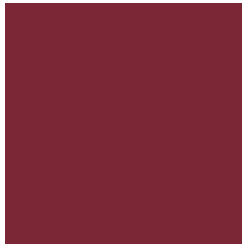
7D0015



FC002A

Previews

White Background



This preview shows how the Hex color 7C2735 looks on a white background.

Color Contrast Check

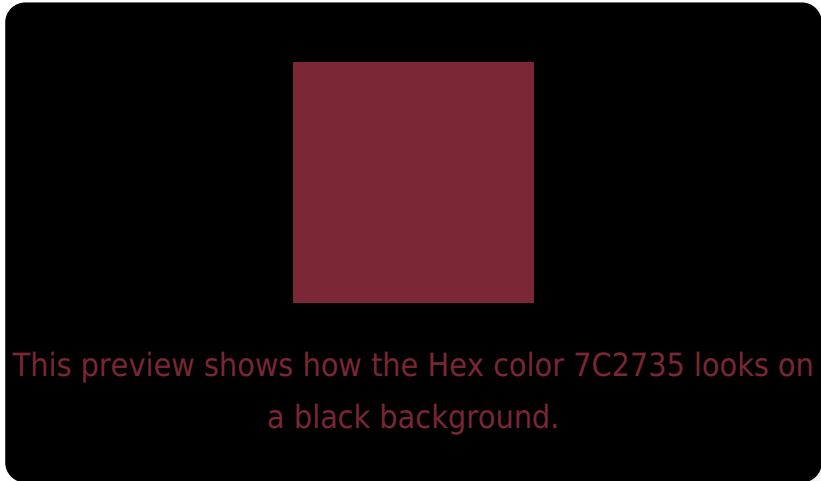
Large Text (above 18pt) WCAG AA ✓ Pass

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

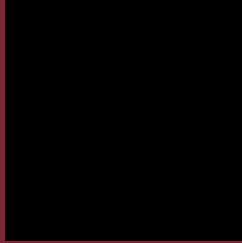
Any Text WCAG AA × Fail

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 7C2735 Background



This preview shows how black text looks on a background with the Hex color 7C2735.



This preview shows how white text looks on a background with the Hex color 7C2735.

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
7C2735

Protanopia
484644

Deuteranopia
544331



Tritanopia
7B292B

Trichromacy



Original Color
7C2735

Protanomaly
5B3B3F

Deuteranomaly
633932

Tritanomaly
7B282F

Monochromacy



Original Color
7C2735

Achromatopsia
424242

Achromatomaly
57383D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C2735 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 #7C2735 looks like.

```
.text, #text, p{  
    color:#7C2735  
}
```

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 #7C2735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C2735
}
```

Border

The CSS property to change the border of an element to Hex 7C2735 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
#7C2735 }
```

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

```
.border{ border-color:#7C2735 }
```

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

Here you see how a box with a 4 pixel #7C2735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C2735; -webkit-box-shadow:4px 4px  
4px 4px #7C2735; box-shadow:4px 4px 4px  
4px #7C2735 }
```

Background

The CSS property to change the background color of an element to Hex 7C2735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C2735 }
```

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

```
.background{ background-color:#7C2735 }
```

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