

Converting Colors

Hex(7B2729)

Have a look what the booklet for
Hex(7B2729) contains.

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Color

Hex(7B2729)

Conversions

Conversions Part 1

Format	Color
Hex	7B2729
RGB	123, 39, 41
RGB Percent	48%, 15%, 16%
CMY	0.5176, 0.8471, 0.8392
CMYK	0.00, 0.68, 0.67, 0.52
HSL	359°, 52%, 32%
HSV	359°, 68%, 48%
XYZ	9.2941, 5.8221, 2.7317
YIQ	64.3440, 49.4220, 18.4300

Conversions

Conversions Part 2

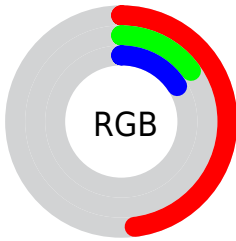
Format	Color
R_{YB}	123, 39, 41
Decimal	8070953
CIE _{Lab}	28.96, 36.56, 18.97
CIE _{LCh}	29, 41.190, 27.417
Yxy	5.8221, 0.5207, 0.3262
Android (android.graphics.Color)	4286261033 (0xFF7B2729)
YUV	64.3440, -11.5086, 51.4413
Hunter-Lab	24.1290, 26.5298, 10.1778

Details

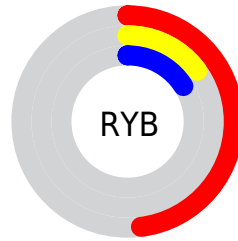
The Hex color **7B2729** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **277B79**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **B45956**, and **440000** is the 20% darker color. If you saturate the color by 10%, you get **7B1B1D**, and if you desaturate by 10%, it is **7B3335**.

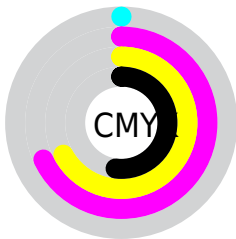
Distribution



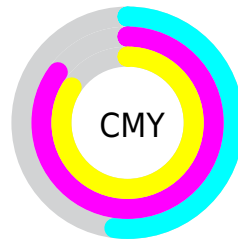
- Red (48%)
- Green (15%)
- Blue (16%)



- Red (48%)
- Yellow (15%)
- Blue (16%)



- Cyan (0%)
- Magenta (68%)
- Yellow (67%)
- Black (52%)



- Cyan (52%)
- Magenta (85%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B2729 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 7B2729 by changing the saturation by 10% instead.

 7B2729

 7B2729

FFFFFF

 5F0B15

 B45956

 440000

 D1736F

 2C0001

 EF8D88

 000000

 FFA8A2

 FFC4BD

 FFE0D9

 FFFDF5

 7B2729

 7B2729

■ 7B1B1D

■ 7B3335

■ 7B0E11

■ 7B4041

■ 7B0205

■ 7B4C4D

■ 7B0003

■ 7B5859

■ 7B6565

■ 7B7171

■ 7B7D7D

■ 7B8989

■ 7B9695

Harmonies

Analogous

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



7A2348



7B2729



6D350C

Triad

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



7B2729



005020



004984

Complementary

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



7B2729



277B79

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.



00507A



7B2729



005340

Square

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



7B2729



364B01



005361



3D3D7D

Rectangle

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



7B2729



5E3E00



005361



004C83

Sweetspot

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



7B2729



A18181



78277B



523E3E



D1D1D1



525252

Same Dimension

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



7B2729



A11D20



7B4E27



3D3737



7D0003



FC0006

Inverse Universe

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



7B2729



A11D20



27547B



3D3737



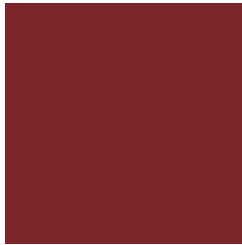
7D0003



FC0006

Previews

White Background



This preview shows how the Hex color 7B2729 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 7B2729 Background



This preview shows how black text looks on a background with the Hex color 7B2729.



This preview shows how white text looks on a background with the Hex color 7B2729.

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
7B2729

Protanopia
4A4535

Deuteranopia
554224



Tritanopia
7B2729

Trichromacy



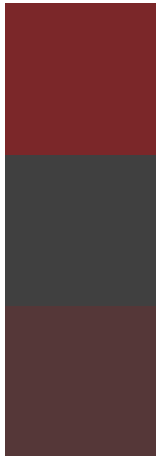
Original Color
7B2729

Protanomaly
5C3A31

Deuteranomaly
633826

Tritanomaly
7B2729

Monochromacy



Original Color
7B2729

Achromatopsia
404040

Achromatomaly
553738

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B2729 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 #7B2729 looks like.

```
.text, #text, p{  
    color:#7B2729  
}
```

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 #7B2729 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B2729
}
```

Border

The CSS property to change the border of an element to Hex 7B2729 is called "border". The border property can be set on classes, ids or directly on the HTML element.

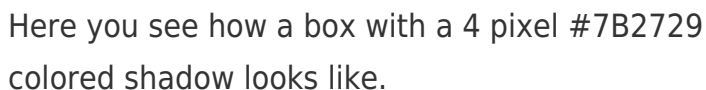
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B2729 }
```

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

```
.border{ border-color:#7B2729 }
```

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



Here you see how a box with a 4 pixel #7B2729 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B2729; -webkit-box-shadow:4px 4px  
4px 4px #7B2729; box-shadow:4px 4px 4px  
4px #7B2729 }
```

Background

The CSS property to change the background color of an element to Hex 7B2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B2729 }
```

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

```
.background{ background-color:#7B2729 }
```

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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