

Converting Colors

Hex(7C2842)

Have a look what the booklet for
Hex(7C2842) contains.

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Color

Hex(7C2842)

Conversions

Conversions Part 1

Format	Color
Hex	7C2842
RGB	124, 40, 66
RGB Percent	49%, 16%, 26%
CMY	0.5137, 0.8431, 0.7412
CMYK	0.00, 0.68, 0.47, 0.51
HSL	341°, 51%, 32%
HSV	341°, 68%, 49%
XYZ	10.0543, 6.1960, 5.8203
YIQ	68.0800, 41.7180, 25.8940

Conversions

Conversions Part 2

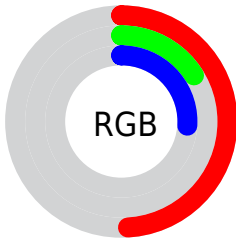
Format	Color
R_{YB}	124, 40, 66
Decimal	8136770
CIE _{Lab}	29.90, 38.62, 3.80
CIE _{LCh}	30, 38.804, 5.621
Yxy	6.1960, 0.4556, 0.2807
Android (android.graphics.Color)	4286326850 (0xFF7C2842)
YUV	68.0800, -1.0254, 49.0418
Hunter-Lab	24.8918, 28.5394, 3.5609

Details

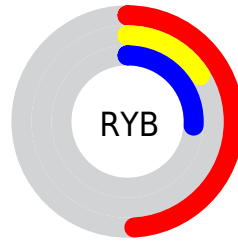
The Hex color **7C2842** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **287C62**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **B45B72**, and **460018** is the 20% darker color. If you saturate the color by 10%, you get **7C1C39**, and if you desaturate by 10%, it is **7C344B**.

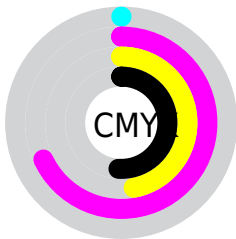
Distribution



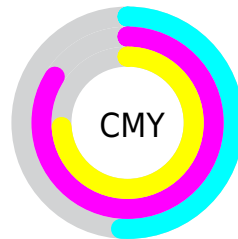
- Red (49%)
- Green (16%)
- Blue (26%)



- Red (49%)
- Yellow (16%)
- Blue (26%)



- Cyan (0%)
- Magenta (68%)
- Yellow (47%)
- Black (51%)



- Cyan (51%)
- Magenta (84%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7C2842 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 7C2842 by changing the saturation by 10% instead.

 7C2842

 7C2842

FFFFFF

 610B2C

 B45B72

 460018

 D1758B

 310002

 EE8FA5

 000000

 FFAAC1

 FFC6DC

 FFE3F9

 7C2842

 7C2842

 7C1C39

 7C344B

 7C0F31

 7C4153

 7C0328

 7C4D5C

 7C0026

 7C5A64

 7C666D

 7C7275

 7C7F7E

 7C8B86

 7C988F

Harmonies

Analogous

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



6F2E60



7C2842



792F25

Triad

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



7C2842



304E10



00507D

Complementary

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



7C2842



287C62

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.



005469



7C2842



00532C

Square

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



7C2842



504700



00544B



004883

Rectangle

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



7C2842



6F3714



00544B



005278

Sweetspot

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



7C2842



A1818A



61287C



523E44



D1D1D1



525252

Same Dimension

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



7C2842



A11F47



7C3728



3D3739



7D0027



FC004E

Inverse Universe

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



7C2842



A11F47



286D7C



3D3739



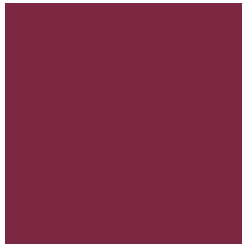
7D0027



FC004E

Previews

White Background



This preview shows how the Hex color 7C2842 looks on a white background.

Color Contrast Check

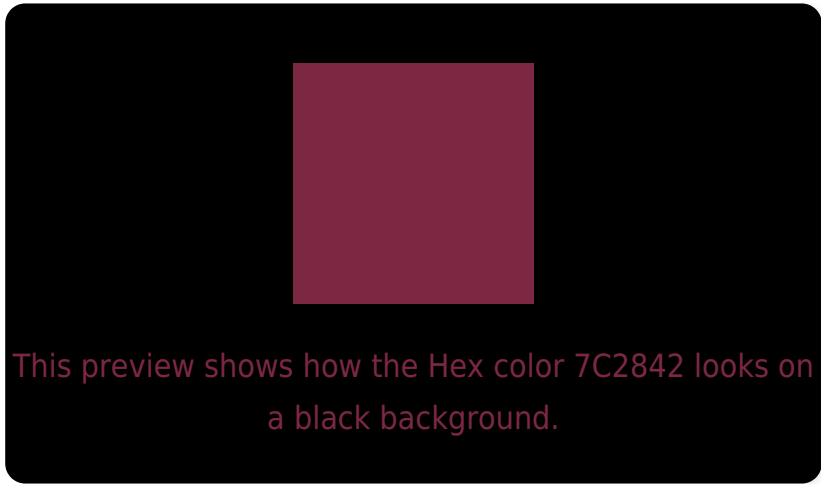
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C2842 Background



This preview shows how black text looks on a background with the Hex color 7C2842.



This preview shows how white text looks on a background with the Hex color 7C2842.

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
7C2842

Protanopia
454753

Deuteranopia
52453E



Tritanopia
7B2C2F

Trichromacy



Original Color
7C2842

Protanomaly
593C4D

Deuteranomaly
613A3F

Tritanomaly
7B2B36

Monochromacy



Original Color
7C2842

Achromatopsia
444444

Achromatomaly
583A43

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C2842 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 #7C2842 looks like.

```
.text, #text, p{  
    color:#7C2842  
}
```

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 #7C2842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C2842
}
```

Border

The CSS property to change the border of an element to Hex 7C2842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

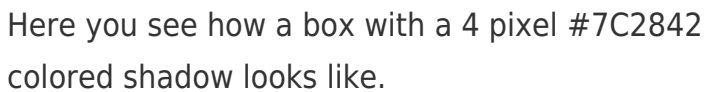
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C2842 }
```

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

```
.border{ border-color:#7C2842 }
```

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



Here you see how a box with a 4 pixel #7C2842 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C2842; -webkit-box-shadow:4px 4px  
4px 4px #7C2842; box-shadow:4px 4px 4px  
4px #7C2842 }
```

Background

The CSS property to change the background color of an element to Hex 7C2842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C2842 }
```

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

```
.background{ background-color:#7C2842 }
```

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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