

Converting Colors

Hex(7A2848)

Have a look what the booklet for
Hex(7A2848) contains.

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Color

Hex(7A2848)

Conversions

Conversions Part 1

Format	Color
Hex	7A2848
RGB	122, 40, 72
RGB Percent	48%, 16%, 28%
CMY	0.5216, 0.8431, 0.7176
CMYK	0.00, 0.67, 0.41, 0.52
HSL	337°, 51%, 32%
HSV	337°, 67%, 48%
XYZ	9.9545, 6.1230, 6.7881
YIQ	68.1660, 38.6000, 27.3360

Conversions

Conversions Part 2

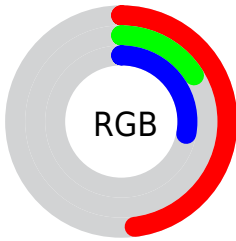
Format	Color
R_{YB}	122, 40, 72
Decimal	8005704
CIE _{Lab}	29.72, 38.61, -0.47
CIE _{LCh}	30, 38.615, 359.296
Yxy	6.1230, 0.4353, 0.2678
Android (android.graphics.Color)	4286195784 (0xFF7A2848)
YUV	68.1660, 1.8902, 47.2124
Hunter-Lab	24.7448, 28.5051, 1.0567

Details

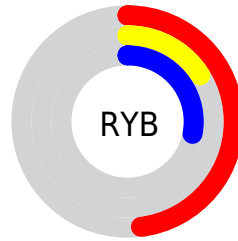
The Hex color **7A2848** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **287A5A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **B15B78**, and **45001D** is the 20% darker color. If you saturate the color by 10%, you get **7A1C41**, and if you desaturate by 10%, it is **7A344F**.

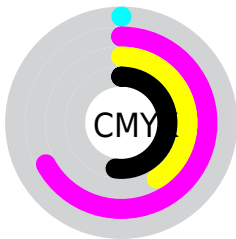
Distribution



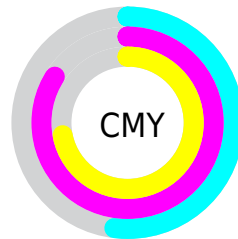
- Red (48%)
- Green (16%)
- Blue (28%)



- Red (48%)
- Yellow (16%)
- Blue (28%)



- Cyan (0%)
- Magenta (67%)
- Yellow (41%)
- Black (52%)



- Cyan (52%)
- Magenta (84%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A2848 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 7A2848 by changing the saturation by 10% instead.

 7A2848

 7A2848

FFFFFF

 5F0B32

 B15B78

 45001D

 CE7492

 300002

 EB8FAD

 000000

 FFAAC8

 FFC6E4

 FFE2FF

 7A2848

 7A2848

 7A1C41

 7A344F

 7A1039

 7A4057

 7A0332

 7A4D5E

 7A0030

 7A5966

 7A656D

 7A7175

 7A7D7C

 7A8A84

 7A968B

Harmonies

Analogous

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



693165



7A2848



7A2C2B

Triad

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



7A2848



384D0A



005179

Complementary

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



7A2848



287A5A

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.



005463



7A2848



015226

Square

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



7A2848



554400



005444



004A82

Rectangle

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



7A2848



723419



005444



005273

Sweetspot

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



7A2848



9E7E8B



59287A



4F3C43



CFCFCF



4F4F4F

Same Dimension

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



7A2848



9E1E50



7A3028



3D3739



7D0031



FC0063

Inverse Universe

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



7A2848



9E1E50



28727A



3D3739



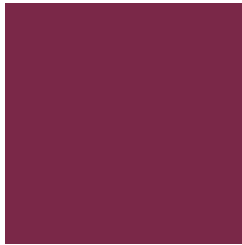
7D0031



FC0063

Previews

White Background



This preview shows how the Hex color 7A2848 looks on a white background.

Color Contrast Check

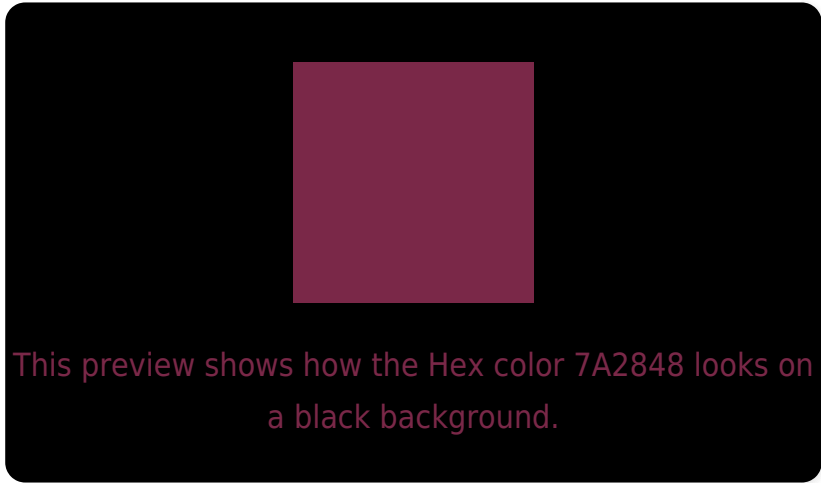
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A2848 Background



This preview shows how black text looks on a background with the Hex color 7A2848.



This preview shows how white text looks on a background with the Hex color 7A2848.

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
7A2848

Protanopia
42465B

Deuteranopia
4F4544



Tritanopia
782D30

Trichromacy



Original Color

7A2848

Protanomaly

563B54

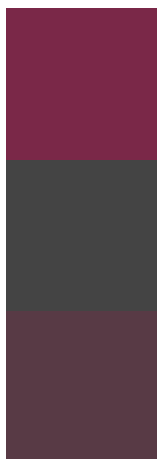
Deuteranomaly

5F3A45

Tritanomaly

792B39

Monochromacy



Original Color

7A2848

Achromatopsia

444444

Achromatomaly

583A45

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A2848 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 #7A2848 looks like.

```
.text, #text, p{  
    color:#7A2848  
}
```

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 #7A2848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2848
}
```

Border

The CSS property to change the border of an element to Hex 7A2848 is called "border". The border property can be set on classes, ids or directly on the HTML element.

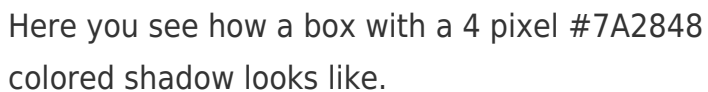
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A2848 }
```

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

```
.border{ border-color:#7A2848 }
```

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



Here you see how a box with a 4 pixel #7A2848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2848; -webkit-box-shadow:4px 4px  
4px 4px #7A2848; box-shadow:4px 4px 4px  
4px #7A2848 }
```

Background

The CSS property to change the background color of an element to Hex 7A2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2848 }
```

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

```
.background{ background-color:#7A2848 }
```

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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