

Converting Colors

Hex(7B2648)

Have a look what the booklet for
Hex(7B2648) contains.

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Color

Hex(7B2648)

Conversions

Conversions Part 1

Format	Color
Hex	7B2648
RGB	123, 38, 72
RGB Percent	48%, 15%, 28%
CMY	0.5176, 0.8510, 0.7176
CMYK	0.00, 0.69, 0.41, 0.52
HSL	336°, 53%, 32%
HSV	336°, 69%, 48%
XYZ	10.0312, 6.0651, 6.7729
YIQ	67.2910, 39.7460, 28.5940

Conversions

Conversions Part 2

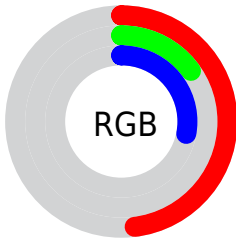
Format	Color
R_{YB}	123, 38, 72
Decimal	8070728
CIE Lab	29.58, 39.84, -0.66
CIE LCh	30, 39.845, 359.044
Yxy	6.0651, 0.4386, 0.2652
Android (android.graphics.Color)	4286260808 (0xFF7B2648)
YUV	67.2910, 2.3215, 48.8568
Hunter-Lab	24.6273, 29.6086, 0.9336

Details

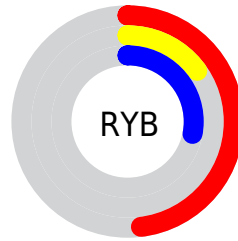
The Hex color **7B2648** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **267B59**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B35978**, and **46001D** is the 20% darker color. If you saturate the color by 10%, you get **7B1A41**, and if you desaturate by 10%, it is **7B324F**.

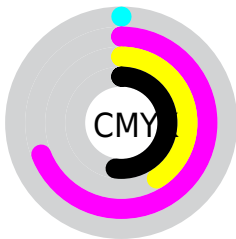
Distribution



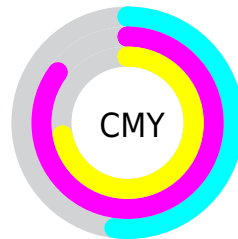
- Red (48%)
- Green (15%)
- Blue (28%)



- Red (48%)
- Yellow (15%)
- Blue (28%)



- Cyan (0%)
- Magenta (69%)
- Yellow (41%)
- Black (52%)



- Cyan (52%)
- Magenta (85%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B2648 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 7B2648 by changing the saturation by 10% instead.

 7B2648

 7B2648

FFFFFF

 600832

 B35978

 46001D

 CF7392

 310002

 ED8EAD

 000000

 FFA9C8

 FFC5E4

 FFE1FF

 FFFEFF

 7B2648

 7B2648

 7B1A41

 7B324F

 7B0D39

 7B3F57

 7B0132

 7B4B5E

 7B0031

 7B5766

 7B636D

 7B7074

 7B7C7C

 7B8883

 7B958A

Harmonies

Analogous

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



6A2F66



7B2648



7B2B2A

Triad

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



7B2648



374D07



00517A

Complementary

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



7B2648



267B59

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



7B2648



005224

Square

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



7B2648



554400



005444



004A84

Rectangle

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



7B2648



733317



005444



005274

Sweetspot

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



7B2648



A17F8C



59267B



523D45



D1D1D1



525252

Same Dimension

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



7B2648



A11B51



7B2F26



3D373A



7D0032



FC0065

Inverse Universe

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



7B2648



A11B51



26727B



3D373A



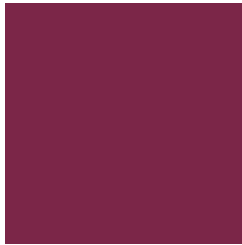
7D0032



FC0065

Previews

White Background



This preview shows how the Hex color 7B2648 looks on a white background.

Color Contrast Check

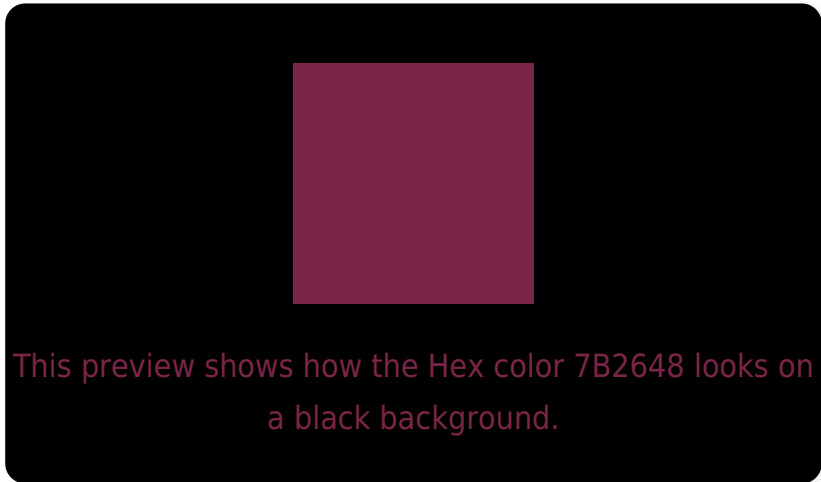
Large Text (above 18pt) WCAG AA ✓ Pass

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

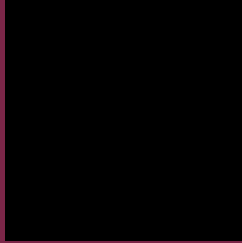
Any Text WCAG AA × Fail

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 7B2648 Background



This preview shows how black text looks on a background with the Hex color 7B2648.



This preview shows how white text looks on a background with the Hex color 7B2648.

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
7B2648

Protanopia
41465C

Deuteranopia
4F4444

Trichromacy



Original Color
7B2648

Protanomaly
563A55

Deuteranomaly
5F3945

Tritanomaly
7A2A38

Monochromacy



Original Color
7B2648

Achromatopsia
434343

Achromatomaly
573845

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B2648 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 #7B2648 looks like.

```
.text, #text, p{  
    color:#7B2648  
}
```

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 #7B2648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B2648
}
```

Border

The CSS property to change the border of an element to Hex 7B2648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

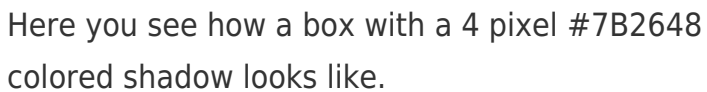
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B2648 }
```

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

```
.border{ border-color:#7B2648 }
```

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



Here you see how a box with a 4 pixel #7B2648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B2648; -webkit-box-shadow:4px 4px  
4px 4px #7B2648; box-shadow:4px 4px 4px  
4px #7B2648 }
```

Background

The CSS property to change the background color of an element to Hex 7B2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B2648 }
```

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

```
.background{ background-color:#7B2648 }
```

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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