

Converting Colors

Hex(7B2742)

Have a look what the booklet for
Hex(7B2742) contains.

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Color

Hex(7B2742)

Conversions

Conversions Part 1

Format	Color
Hex	7B2742
RGB	123, 39, 66
RGB Percent	48%, 15%, 26%
CMY	0.5176, 0.8471, 0.7412
CMYK	0.00, 0.68, 0.46, 0.52
HSL	341°, 52%, 32%
HSV	341°, 68%, 48%
XYZ	9.8773, 6.0553, 5.8025
YIQ	67.1940, 41.3970, 26.2050

Conversions

Conversions Part 2

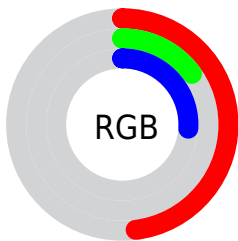
Format	Color
R_{YB}	123, 39, 66
Decimal	8070978
CIE _{Lab}	29.55, 38.73, 3.27
CIE _{LCh}	30, 38.868, 4.833
Yxy	6.0553, 0.4544, 0.2786
Android (android.graphics.Color)	4286261058 (0xFF7B2742)
YUV	67.1940, -0.5886, 48.9419
Hunter-Lab	24.6076, 28.5850, 3.2448

Details

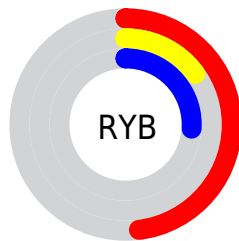
The Hex color **7B2742** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **277B60**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B35A72**, and **450018** is the 20% darker color. If you saturate the color by 10%, you get **7B1B3A**, and if you desaturate by 10%, it is **7B334A**.

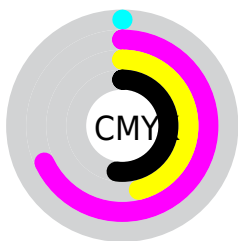
Distribution



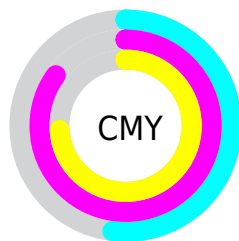
- Red (48%)
- Green (15%)
- Blue (26%)



- Red (48%)
- Yellow (15%)
- Blue (26%)



- Cyan (0%)
- Magenta (68%)
- Yellow (46%)
- Black (52%)



- Cyan (52%)
- Magenta (85%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B2742 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 7B2742 by changing the saturation by 10% instead.

 7B2742

 7B2742

FFFFFF

 600A2C

 B35A72

 450018

 D0748B

 300002

 ED8EA5

 000000

 FFA9C1

 FFC5DC

 FFE2F9

 7B2742

 7B2742

 7B1B3A

 7B334A

 7B0E31

 7B4053

 7B0229

 7B4C5B

 7B0028

 7B5863

 7B656C

 7B7174

 7B7D7C

 7B8985

 7B968D

Harmonies

Analogous

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



6D2E60



7B2742



782E25

Triad

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



7B2742



314E0E



004F7C

Complementary

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



7B2742



277B60

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.



005367



7B2742



00522B

Square

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



7B2742



504600



00544A



004882

Rectangle

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



7B2742



6F3614



00544A



005177

Sweetspot

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



7B2742



A1818B



5F277B



523E44



D1D1D1



525252

Same Dimension

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



7B2742



A11D47



7B3527



3D3739



7D0028



FC0051

Inverse Universe

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



7B2742



A11D47



276D7B



3D3739



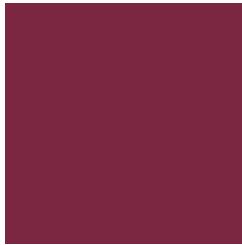
7D0028



FC0051

Previews

White Background



This preview shows how the Hex color 7B2742 looks on a white background.

Color Contrast Check

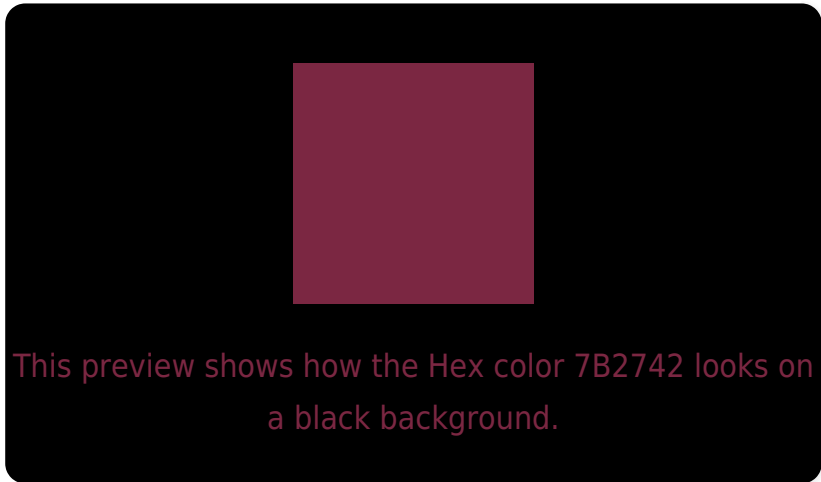
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B2742 Background



This preview shows how black text looks on a background with the Hex color 7B2742.



This preview shows how white text looks on a background with the Hex color 7B2742.

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
7B2742

Protanopia
444654

Deuteranopia
51443E



Tritanopia
7A2B2E

Trichromacy



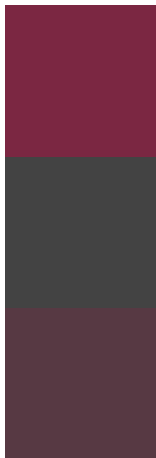
Original Color
7B2742

Protanomaly
583B4D

Deuteranomaly
60393F

Tritanomaly
7A2A35

Monochromacy



Original Color
7B2742

Achromatopsia
434343

Achromatomaly
573943

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B2742 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 #7B2742 looks like.

```
.text, #text, p{  
    color:#7B2742  
}
```

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 #7B2742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B2742
}
```

Border

The CSS property to change the border of an element to Hex 7B2742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

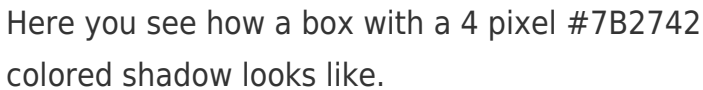
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B2742 }
```

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

```
.border{ border-color:#7B2742 }
```

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



Here you see how a box with a 4 pixel #7B2742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B2742; -webkit-box-shadow:4px 4px  
4px 4px #7B2742; box-shadow:4px 4px 4px  
4px #7B2742 }
```

Background

The CSS property to change the background color of an element to Hex 7B2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B2742 }
```

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

```
.background{ background-color:#7B2742 }
```

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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