

Converting Colors

Hex(7B212D)

Have a look what the booklet for
Hex(7B212D) contains.

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Color

Hex(7B212D)

Conversions

Conversions Part 1

Format	Color
Hex	7B212D
RGB	123, 33, 45
RGB Percent	48%, 13%, 18%
CMY	0.5176, 0.8706, 0.8235
CMYK	0.00, 0.73, 0.63, 0.52
HSL	352°, 58%, 31%
HSV	352°, 73%, 48%
XYZ	9.1859, 5.4881, 3.0578
YIQ	61.2780, 49.7880, 22.8120

Conversions

Conversions Part 2

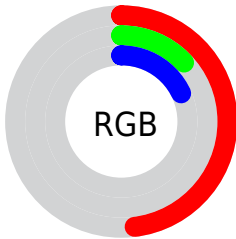
Format	Color
R_{YB}	123, 33, 45
Decimal	8069421
CIE _{Lab}	28.08, 39.44, 15.21
CIE _{LCh}	28, 42.276, 21.090
Yxy	5.4881, 0.5180, 0.3095
Android (android.graphics.Color)	4286259501 (0xFF7B212D)
YUV	61.2780, -8.0251, 54.1302
Hunter-Lab	23.4268, 28.9950, 8.6599

Details

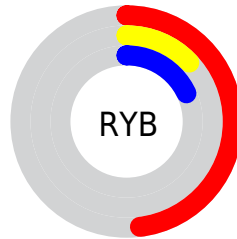
The Hex color **7B212D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **217B6F**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **B4545A**, and **450000** is the 20% darker color. If you saturate the color by 10%, you get **7B1522**, and if you desaturate by 10%, it is **7B2D38**.

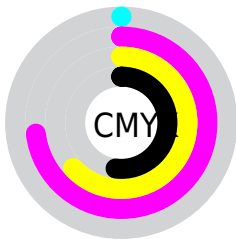
Distribution



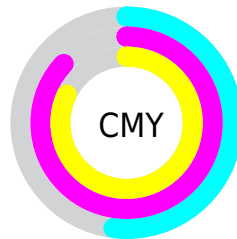
- Red (48%)
- Green (13%)
- Blue (18%)



- Red (48%)
- Yellow (13%)
- Blue (18%)



- Cyan (0%)
- Magenta (73%)
- Yellow (63%)
- Black (52%)



- Cyan (52%)
- Magenta (87%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B212D 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 7B212D by changing the saturation by 10% instead.

 7B212D

 7B212D

FFFFFF

 5F0119

 B4545A

 450000

 D16E73

 2B0001

 EF898C

 000000

 FFA4A7

 FFBFC2

 FFDCDE

 FFF9FA

 7B212D

 7B212D

■ 7B1522

■ 7B2D38

■ 7B0818

■ 7B3A42

■ 7B0010

■ 7B464D

■ 7B5258

■ 7B5F62

■ 7B6B6D

■ 7B7778

■ 7B8382

■ 7B908D

Harmonies

Analogous

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



77204D



7B212D



6F2F0F

Triad

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



7B212D



0A4D16



004983

Complementary

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



7B212D



217B6F

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.



004F75



7B212D



005037

Square

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



7B212D



3B4700



005159



2B3E7F

Rectangle

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



7B212D



623900



005159



004C80

Sweetspot

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



7B212D



A17D82



6F217B



523C3F



D1D1D1



525252

Same Dimension

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



7B212D



A11326



7B4221



3D3738



7D0011



FC0022

Inverse Universe

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



7B212D



A11326



215A7B



3D3738



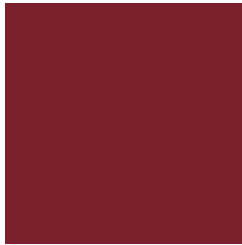
7D0011



FC0022

Previews

White Background



This preview shows how the Hex color 7B212D looks on a white background.

Color Contrast Check

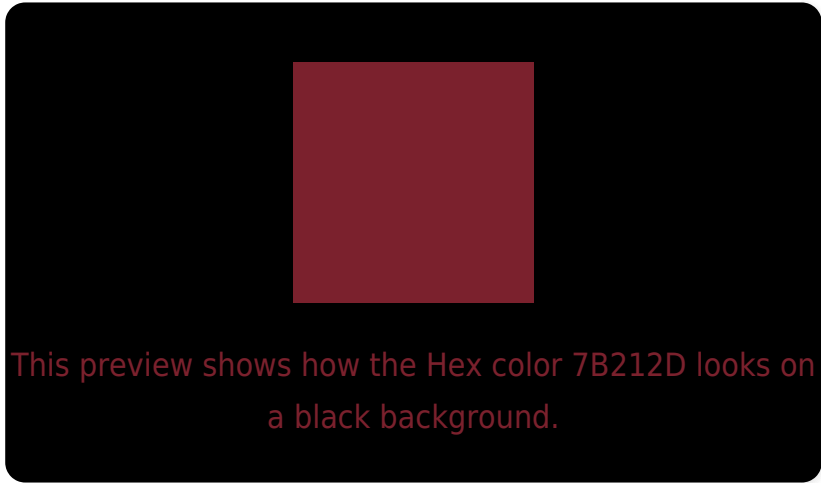
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B212D Background



This preview shows how black text looks on a background with the Hex color 7B212D.



This preview shows how white text looks on a background with the Hex color 7B212D.

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
7B212D

Protanopia
47433C

Deuteranopia
524128



Tritanopia
7B2324

Trichromacy



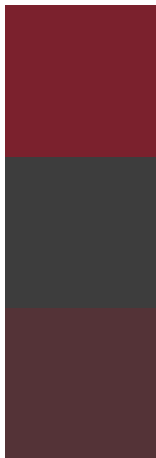
Original Color
7B212D

Protanomaly
5A3737

Deuteranomaly
61352A

Tritanomaly
7B2227

Monochromacy



Original Color
7B212D

Achromatopsia
3D3D3D

Achromatomaly
543337

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B212D 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 #7B212D looks like.

```
.text, #text, p{  
    color:#7B212D  
}
```

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 #7B212D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B212D
}
```

Border

The CSS property to change the border of an element to Hex 7B212D 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".

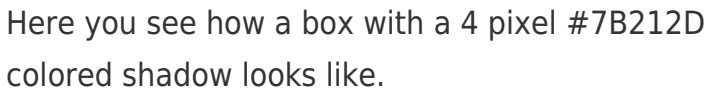
```
.border, #border, table{ border:4px solid
#7B212D }
```

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

```
.border{ border-color:#7B212D }
```

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

Here you see how a box with a 4 pixel #7B212D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #7B212D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B212D; -webkit-box-shadow:4px 4px  
4px 4px #7B212D; box-shadow:4px 4px 4px  
4px #7B212D }
```

Background

The CSS property to change the background color of an element to Hex 7B212D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B212D }
```

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

```
.background{ background-color:#7B212D }
```

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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