

Converting Colors

Hex(7A2122)

Have a look what the booklet for
Hex(7A2122) contains.

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Color

Hex(7A2122)

Conversions

Conversions Part 1

Format	Color
Hex	7A2122
RGB	122, 33, 34
RGB Percent	48%, 13%, 13%
CMY	0.5216, 0.8706, 0.8667
CMYK	0.00, 0.73, 0.72, 0.52
HSL	359°, 57%, 30%
HSV	359°, 73%, 48%
XYZ	8.8586, 5.3408, 2.0773
YIQ	59.7250, 52.7230, 19.1790

Conversions

Conversions Part 2

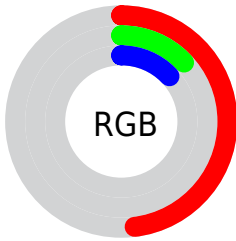
Format	Color
R_{YB}	122, 33, 34
Decimal	8003874
CIE _{Lab}	27.68, 38.40, 21.88
CIE _{LCh}	28, 44.196, 29.668
Yxy	5.3408, 0.5443, 0.3281
Android (android.graphics.Color)	4286193954 (0xFF7A2122)
YUV	59.7250, -12.6824, 54.6152
Hunter-Lab	23.1101, 27.9803, 10.8476

Details

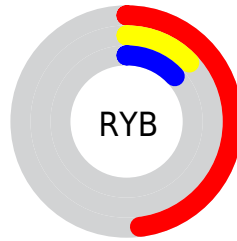
The Hex color **7A2122** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **217A79**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **B4544E**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **7A1516**, and if you desaturate by 10%, it is **7A2D2E**.

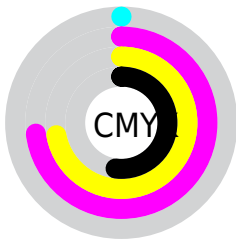
Distribution



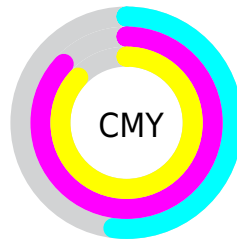
- Red (48%)
- Green (13%)
- Blue (13%)



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



- Cyan (0%)
- Magenta (73%)
- Yellow (72%)
- Black (52%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 7A2122 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 7A2122 by changing the saturation by 10% instead.

 7A2122

 7A2122

FFFFFF

 5E020D

 B4544E

 420000

 D16E66

 290001

 EF8880

 000000

 FFA39A

 FFBFB4

 FFDBD0

 FFF8EC

 7A2122

 7A2122

 7A1516

 7A2D2E

 7A090A

 7A393A

 7A0001

 7A4646

 7A5252

 7A5E5E

 7A6A6A

 7A7676

 7A8383

 7A8F8F

Harmonies

Analogous

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



7B1A43



7A2122



6A3200

Triad

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



7A2122



004E1D



004686

Complementary

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



7A2122



217A79

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.



004D7C



7A2122



005040

Square

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



7A2122



2F4900



005062



3D387D

Rectangle

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



7A2122



5A3C00



005062



004985

Sweetspot

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



7A2122



9E7B7C



79217A



4F3A3B



CFCFCF



4F4F4F

Same Dimension

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



7A2122



9E1315



7A4C21



3D3737



7D0001



FC0003

Inverse Universe

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



7A2122



9E1315



214F7A



3D3737



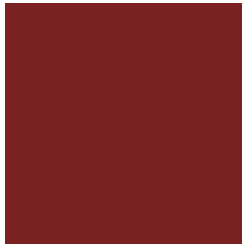
7D0001



FC0003

Previews

White Background



This preview shows how the Hex color 7A2122 looks on a white background.

Color Contrast Check

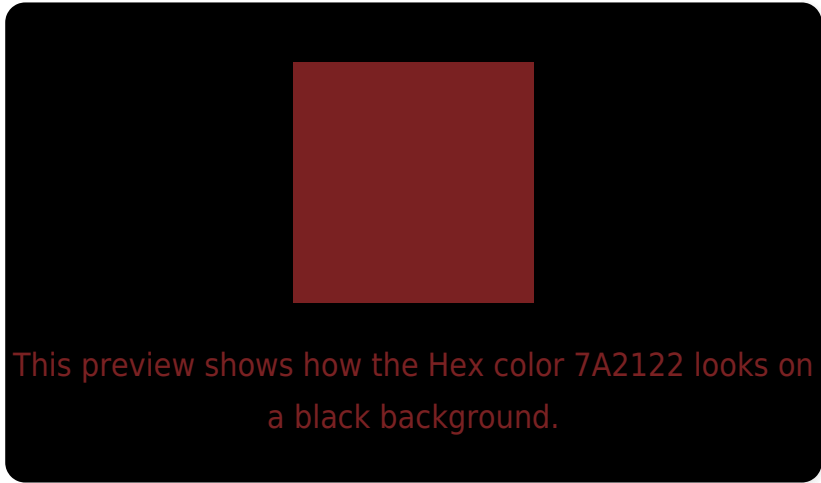
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A2122 Background



This preview shows how black text looks on a background with the Hex color 7A2122.

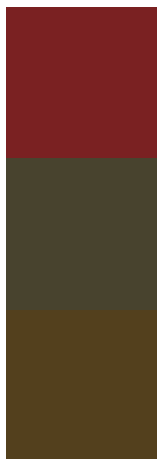


This preview shows how white text looks on a background with the Hex color 7A2122.

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

7A2122

Protanopia

48432E

Deuteranopia

53401D

Trichromacy



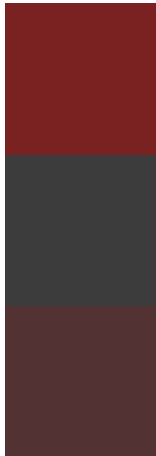
Original Color
7A2122

Protanomaly
5A372A

Deuteranomaly
61351F

Tritanomaly
7A2122

Monochromacy



Original Color
7A2122

Achromatopsia
3C3C3C

Achromatomaly
533233

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A2122 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 #7A2122 looks like.

```
.text, #text, p{  
    color:#7A2122  
}
```

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 #7A2122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2122
}
```

Border

The CSS property to change the border of an element to Hex 7A2122 is called "border". The border property can be set on classes, ids or directly on the HTML element.

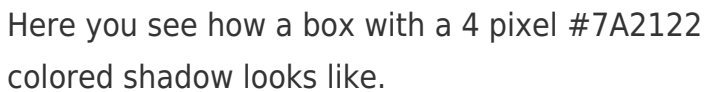
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A2122 }
```

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

```
.border{ border-color:#7A2122 }
```

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



Here you see how a box with a 4 pixel #7A2122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2122; -webkit-box-shadow:4px 4px  
4px 4px #7A2122; box-shadow:4px 4px 4px  
4px #7A2122 }
```

Background

The CSS property to change the background color of an element to Hex 7A2122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2122 }
```

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

```
.background{ background-color:#7A2122 }
```

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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