

Converting Colors

Hex(7A2326)

Have a look what the booklet for
Hex(7A2326) contains.

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Color

Hex(7A2326)

Conversions

Conversions Part 1

Format	Color
Hex	7A2326
RGB	122, 35, 38
RGB Percent	48%, 14%, 15%
CMY	0.5216, 0.8627, 0.8510
CMYK	0.00, 0.71, 0.69, 0.52
HSL	358°, 55%, 31%
HSV	358°, 71%, 48%
XYZ	8.9769, 5.4796, 2.4182
YIQ	61.3550, 50.8890, 19.3770

Conversions

Conversions Part 2

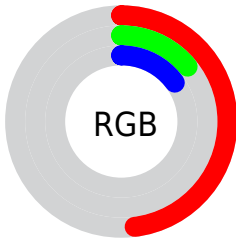
Format	Color
R_{YB}	122, 35, 38
Decimal	8004390
CIE Lab	28.06, 37.79, 19.75
CIE LCh	28, 42.638, 27.589
Yxy	5.4796, 0.5320, 0.3247
Android (android.graphics.Color)	4286194470 (0xFF7A2326)
YUV	61.3550, -11.5140, 53.1857
Hunter-Lab	23.4085, 27.4881, 10.2609

Details

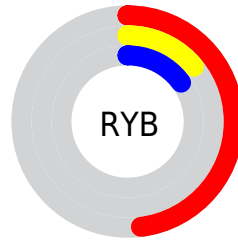
The Hex color **7A2326** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **237A77**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **B35653**, and **430000** is the 20% darker color. If you saturate the color by 10%, you get **7A171A**, and if you desaturate by 10%, it is **7A2F32**.

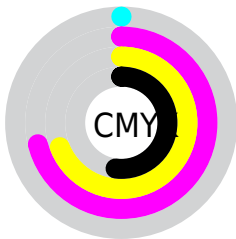
Distribution



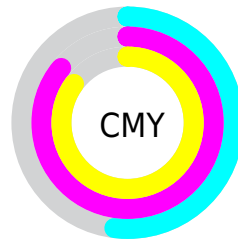
- Red (48%)
- Green (14%)
- Blue (15%)



- Red (48%)
- Yellow (14%)
- Blue (15%)



- Cyan (0%)
- Magenta (71%)
- Yellow (69%)
- Black (52%)



- Cyan (52%)
- Magenta (86%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A2326 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 7A2326 by changing the saturation by 10% instead.

 7A2326

 7A2326

FFFFFF

 5E0512

 B35653

 430000

 D16F6B

 2A0001

 EF8A84

 000000

 FFA59E

 FFC0B9

 FFDDDD5

 FFFAF1

 7A2326

 7A2326

■ 7A171A

■ 7A2F32

■ 7A0B0E

■ 7A3B3E

■ 7A0004

■ 7A4849

■ 7A5455

■ 7A6061

■ 7A6C6D

■ 7A7878

■ 7A8584

■ 7A9190

Harmonies

Analogous

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



7A1E46



7A2326



6C3207

Triad

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



7A2326



004E1C



004784

Complementary

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



7A2326



237A77

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.



004E79



7A2326



00513E

Square

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



7A2326



334900



005160



3A3B7D

Rectangle

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



7A2326



5C3C00



005160



004A83

Sweetspot

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



7A2326



9E7D7E



76237A



4F3B3C



CFCFCF



4F4F4F

Same Dimension

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



7A2326



9E161B



7A4A23



3D3737



7D0004



FC0009

Inverse Universe

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



7A2326



9E161B



23537A



3D3737



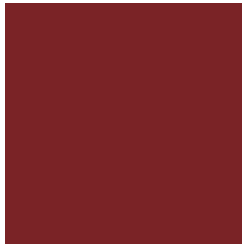
7D0004



FC0009

Previews

White Background



This preview shows how the Hex color 7A2326 looks on a white background.

Color Contrast Check

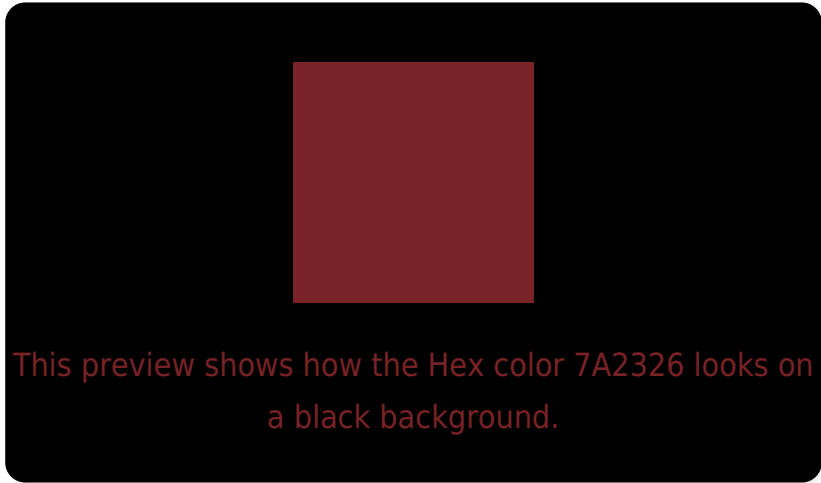
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A2326 Background



This preview shows how black text looks on a background with the Hex color 7A2326.

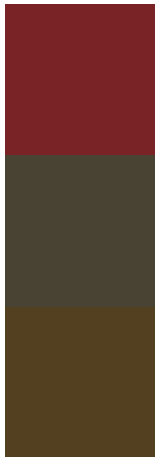


This preview shows how white text looks on a background with the Hex color 7A2326.

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
7A2326

Protanopia
484332

Deuteranopia
534021



Tritanopia
7A2325

Trichromacy



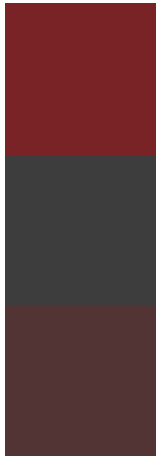
Original Color
7A2326

Protanomaly
5A372E

Deuteranomaly
613523

Tritanomaly
7A2325

Monochromacy



Original Color
7A2326

Achromatopsia
3D3D3D

Achromatomaly
533435

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A2326 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 #7A2326 looks like.

```
.text, #text, p{  
    color:#7A2326  
}
```

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 #7A2326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2326
}
```

Border

The CSS property to change the border of an element to Hex 7A2326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

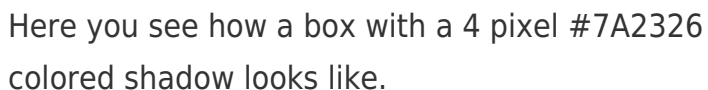
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A2326 }
```

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

```
.border{ border-color:#7A2326 }
```

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



Here you see how a box with a 4 pixel #7A2326 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2326; -webkit-box-shadow:4px 4px  
4px 4px #7A2326; box-shadow:4px 4px 4px  
4px #7A2326 }
```

Background

The CSS property to change the background color of an element to Hex 7A2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2326 }
```

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

```
.background{ background-color:#7A2326 }
```

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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