

Converting Colors

Hex(7A2200)

Have a look what the booklet for
Hex(7A2200) contains.

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Color

Hex(7A2200)

Conversions

Conversions Part 1

Format	Color
Hex	7A2200
RGB	122, 34, 0
RGB Percent	48%, 13%, 0%
CMY	0.5216, 0.8667, 1.0000
CMYK	0.00, 0.72, 1.00, 0.52
HSL	17°, 100%, 24%
HSV	17°, 100%, 48%
XYZ	8.5981, 5.2816, 0.5663
YIQ	56.4360, 63.3620, 8.0820

Conversions

Conversions Part 2

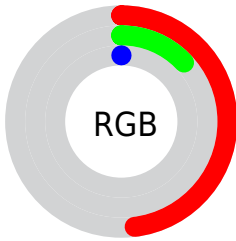
Format	Color
RYB	122, 47, 0
Decimal	8004096
CIELab	27.52, 36.86, 39.35
CIELCh	28, 53.916, 46.877
Yxy	5.2816, 0.5952, 0.3656
Android (android.graphics.Color)	4286194176 (0xFF7A2200)
YUV	56.4360, -27.8229, 57.4996
Hunter-Lab	22.9818, 26.5632, 14.6263

Details

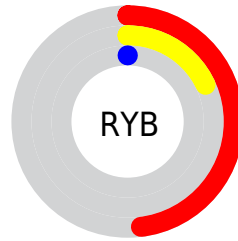
The Hex color **7A2200** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00587A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **B5542F**, and **410000** is the 20% darker color. If you saturate the color by 10%, you get **7A2200**, and if you desaturate by 10%, it is **7A2B0C**.

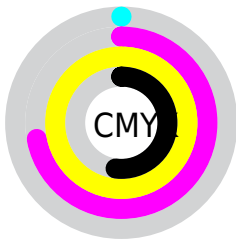
Distribution



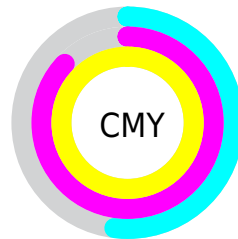
- Red (48%)
- Green (13%)
- Blue (0%)



- Red (48%)
- Yellow (18%)
- Blue (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (100%)
- Black (52%)



- Cyan (52%)
- Magenta (87%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A2200 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 7A2200 by changing the saturation by 10% instead.

 7A2200

 7A2200

 FFFFE5

 5D0400

 B5542F

 410000

 D36E47

 270001

 F2885F

 000000

 FFA379

 FFBF93

 FFDBAE

 FFF8C9

 7A2200

 7A2B0C

 7A3418

 7A3C25

 7A4531

 7A4E3D

 7A5749

 7A6055

 7A6862

 7A716E

Harmonies

Analogous

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



87002C



7A2200



5F3900

Triad

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



7A2200



00512D



003E91

Complementary

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



7A2200



00587A

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.



004B93



7A2200



005258

Square

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



7A2200



004E00



00517D



5E287A

Rectangle

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



7A2200



484200



00517D



004494

Sweetspot

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



7A2200



9E7C6F



7A0059



4F3B33



CFCFCF



4F4F4F

Same Dimension

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



7A2200



9E2C00



7A5E00



3D3937



7D2300



FC4600

Inverse Universe

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



00587A



00729E



001C7A



373B3D



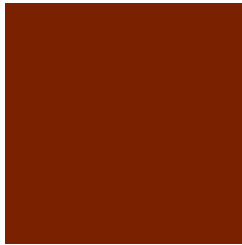
005A7D



00B6FC

Previews

White Background



This preview shows how the Hex color 7A2200 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

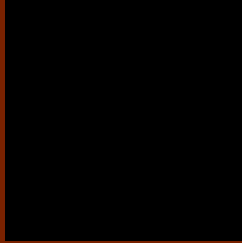
Any Text WCAG AA × Fail

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 7A2200 Background



This preview shows how black text looks on a background with the Hex color 7A2200.



This preview shows how white text looks on a background with the Hex color 7A2200.

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
7A2200

Protanopia
4B430E

Deuteranopia
543F00

Trichromacy



Original Color
7A2200

Protanomaly
5C3709

Deuteranomaly
623400

Tritanomaly
7A2115

Monochromacy



Original Color
7A2200

Achromatopsia
383838

Achromatomaly
503024

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A2200 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 #7A2200 looks like.

```
.text, #text, p{  
    color:#7A2200  
}
```

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 #7A2200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2200
}
```

Border

The CSS property to change the border of an element to Hex 7A2200 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".

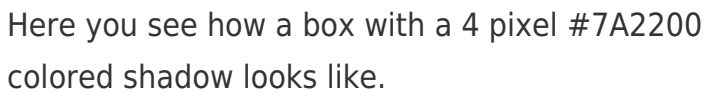
```
.border, #border, table{ border:4px solid
#7A2200 }
```

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

```
.border{ border-color:#7A2200 }
```

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

Here you see how a box with a 4 pixel #7A2200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2200; -webkit-box-shadow:4px 4px  
4px 4px #7A2200; box-shadow:4px 4px 4px  
4px #7A2200 }
```

Background

The CSS property to change the background color of an element to Hex 7A2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2200 }
```

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

```
.background{ background-color:#7A2200 }
```

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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