

Converting Colors

Hex(7A2A0E)

Have a look what the booklet for
Hex(7A2A0E) contains.

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Color

Hex(7A2A0E)

Conversions

Conversions Part 1

Format	Color
Hex	7A2A0E
RGB	122, 42, 14
RGB Percent	48%, 16%, 5%
CMY	0.5216, 0.8353, 0.9451
CMYK	0.00, 0.66, 0.89, 0.52
HSL	16°, 79%, 27%
HSV	16°, 89%, 48%
XYZ	8.9333, 5.8252, 1.0690
YIQ	62.7280, 56.6680, 8.2520

Conversions

Conversions Part 2

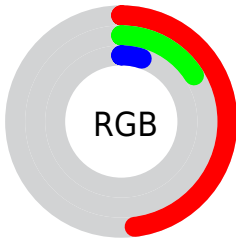
Format	Color
R_{YB}	122, 52, 14
Decimal	8006158
CIE _{Lab}	28.97, 33.51, 34.70
CIE _{LCh}	29, 48.241, 46.004
Yxy	5.8252, 0.5644, 0.3680
Android (android.graphics.Color)	4286196238 (0xFF7A2A0E)
YUV	62.7280, -24.0229, 51.9815
Hunter-Lab	24.1355, 23.8312, 14.2688

Details

The Hex color **7A2A0E** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0E5E7A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **B45B3B**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **7A2102**, and if you desaturate by 10%, it is **7A331A**.

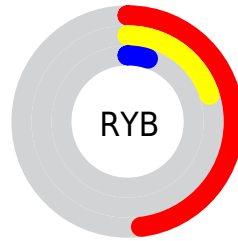
Distribution



Red (48%)

Green (16%)

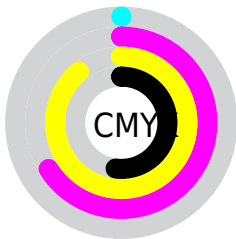
Blue (5%)



Red (48%)

Yellow (20%)

Blue (5%)

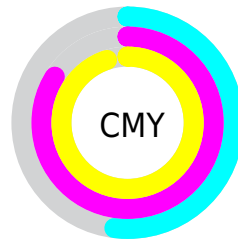


Cyan (0%)

Magenta (66%)

Yellow (89%)

Black (52%)



Cyan (52%)

Magenta (84%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A2A0E 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 7A2A0E by changing the saturation by 10% instead.

 7A2A0E

 7A2A0E

 FFFFF3

 5E1000

 B45B3B

 420000

 D27553

 2A0001

 F08F6B

 000000

 FFAA85

 FFC69F

 FFE2BA

 FFFFD6

 7A2A0E

 7A2A0E

■ 7A2102

■ 7A331A

■ 7A2000

■ 7A3C26

■ 7A4533

■ 7A4E3F

■ 7A574B

■ 7A6057

■ 7A6963

■ 7A7270

■ 7A7B7C

Harmonies

Analogous

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



851732



7A2A0E



623C00

Triad

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



7A2A0E



005331



01428D

Complementary

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



7A2A0E



0E5E7A

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.



004E8D



7A2A0E



005558

Square

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



7A2A0E



0D5007



00537A



5E3079

Rectangle

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



7A2A0E



4E4500



00537A



00478F

Sweetspot

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



7A2A0E



9E7E73



7A0E5F



4F3C36



CFCFCF



4F4F4F

Same Dimension

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



7A2A0E



9E2900



7A5F0E



3D3937



7D2000



FC4100

Inverse Universe

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



0E5E7A



00759E



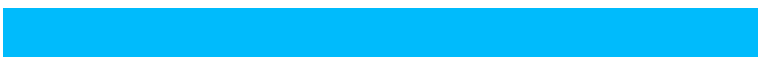
0E297A



373C3D



005D7D



00BBFC

Previews

White Background



This preview shows how the Hex color 7A2A0E looks on a white background.

Color Contrast Check

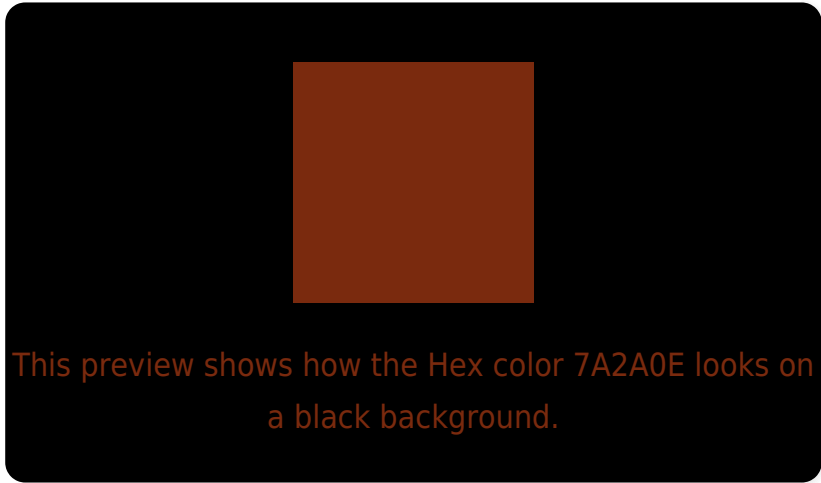
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A2A0E Background



This preview shows how black text looks on a background with the Hex color 7A2A0E.



This preview shows how white text looks on a background with the Hex color 7A2A0E.

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
7A2A0E

Protanopia
4E615

Deuteranopia
584200



Tritanopia
7B2729

Trichromacy



Original Color
7A2A0E

Protanomaly
5E3C12

Deuteranomaly
643905

Tritanomaly
7B281F

Monochromacy



Original Color
7A2A0E

Achromatopsia
3F3F3F

Achromatomaly
54372D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A2A0E 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 #7A2A0E looks like.

```
.text, #text, p{  
  color:#7A2A0E  
}
```

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 #7A2A0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2A0E }  
}
```

Border

The CSS property to change the border of an element to Hex 7A2A0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

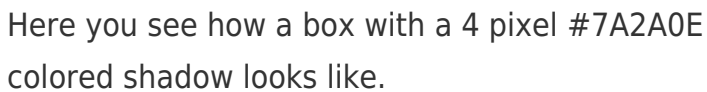
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #7A2A0E }  
}
```

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

```
.border{ border-color:#7A2A0E }
```

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



Here you see how a box with a 4 pixel #7A2A0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2A0E; -webkit-box-shadow:4px 4px  
4px 4px #7A2A0E; box-shadow:4px 4px 4px  
4px #7A2A0E }
```

Background

The CSS property to change the background color of an element to Hex 7A2A0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2A0E }
```

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

```
.background{ background-color:#7A2A0E }
```

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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