

Converting Colors

Hex(7A3220)

Have a look what the booklet for
Hex(7A3220) contains.

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Color

Hex(7A3220)

Conversions

Conversions Part 1

Format	Color
Hex	7A3220
RGB	122, 50, 32
RGB Percent	48%, 20%, 13%
CMY	0.5216, 0.8039, 0.8745
CMYK	0.00, 0.59, 0.74, 0.52
HSL	12°, 58%, 30%
HSV	12°, 74%, 48%
XYZ	9.4274, 6.5231, 2.1287
YIQ	69.4760, 48.6900, 9.6660

Conversions

Conversions Part 2

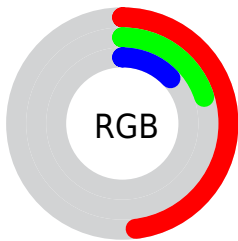
Format	Color
R_{YB}	122, 55, 32
Decimal	8008224
CIE Lab	30.70, 30.17, 26.63
CIE LCh	31, 40.246, 41.431
Yxy	6.5231, 0.5214, 0.3608
Android (android.graphics.Color)	4286198304 (0xFF7A3220)
YUV	69.4760, -18.4757, 46.0635
Hunter-Lab	25.5403, 21.1919, 12.9366

Details

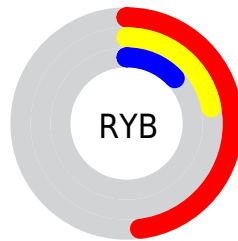
The Hex color **7A3220** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20687A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **B3634D**, and **430100** is the 20% darker color. If you saturate the color by 10%, you get **7A2814**, and if you desaturate by 10%, it is **7A3C2C**.

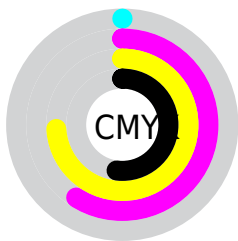
Distribution



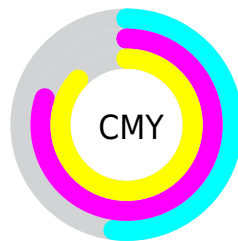
- Red (48%)
- Green (20%)
- Blue (13%)



- Red (48%)
- Yellow (22%)
- Blue (13%)



- Cyan (0%)
- Magenta (59%)
- Yellow (74%)
- Black (52%)



- Cyan (52%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A3220 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 7A3220 by changing the saturation by 10% instead.

 7A3220

 7A3220

FFFFFF

 5E1A0A

 B3634D

 430100

 D07C65

 2C0001

 EE977E

 000000

 FFB298

 FFCEB3

 FFEACF

 FFFFEB

 7A3220

 7A3220

■ 7A2814

■ 7A3C2C

■ 7A1E08

■ 7A4638

■ 7A1800

■ 7A4F45

■ 7A5951

■ 7A635D

■ 7A6D69

■ 7A7675

■ 7A8082

■ 7A8A8E

Harmonies

Analogous

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



80293E



7A3220



674006

Triad

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



7A3220



005633



174886

Complementary

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



7A3220



20687A

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.



005184



7A3220



005754

Square

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



7A3220



295215



005671



593A78

Rectangle

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



7A3220



564700



005671



004C87

Sweetspot

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



7A3220



9E827B



7A2068



4F3F3A



CFCFCF



4F4F4F

Same Dimension

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



7A3220



9E2E11



7A5F20



3D3837



7D1900



FC3200

Inverse Universe

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



20687A



11829E



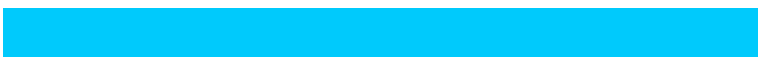
203B7A



373C3D



00647D



00CAFC

Previews

White Background



This preview shows how the Hex color 7A3220 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

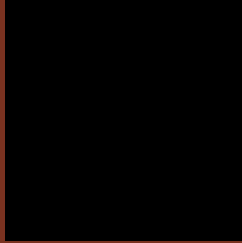
Any Text WCAG AA × Fail

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 7A3220 Background



This preview shows how black text looks on a background with the Hex color 7A3220.



This preview shows how white text looks on a background with the Hex color 7A3220.

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
7A3220

Protanopia
514927

Deuteranopia
5B461B



Tritanopia
7B3033

Trichromacy



Original Color
7A3220

Protanomaly
604124

Deuteranomaly
663F1D

Tritanomaly
7B312C

Monochromacy



Original Color
7A3220

Achromatopsia
454545

Achromatomaly
583E38

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A3220 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 #7A3220 looks like.

```
.text, #text, p{  
    color:#7A3220  
}
```

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 #7A3220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3220
}
```

Border

The CSS property to change the border of an element to Hex 7A3220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

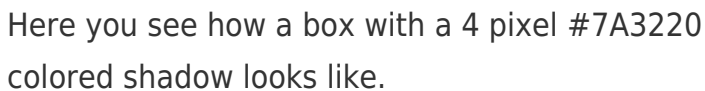
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A3220 }
```

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

```
.border{ border-color:#7A3220 }
```

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



Here you see how a box with a 4 pixel #7A3220 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3220; -webkit-box-shadow:4px 4px  
4px 4px #7A3220; box-shadow:4px 4px 4px  
4px #7A3220 }
```

Background

The CSS property to change the background color of an element to Hex 7A3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3220 }
```

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

```
.background{ background-color:#7A3220 }
```

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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