

Converting Colors

Hex(7B5200)

Have a look what the booklet for
Hex(7B5200) contains.

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Color

Hex(7B5200)

Conversions

Conversions Part 1

Format	Color
Hex	7B5200
RGB	123, 82, 0
RGB Percent	48%, 32%, 0%
CMY	0.5176, 0.6784, 1.0000
CMYK	0.00, 0.33, 1.00, 0.52
HSL	40°, 100%, 24%
HSV	40°, 100%, 48%
XYZ	11.1857, 10.2455, 1.3880
YIQ	84.9110, 50.7580, -16.8100

Conversions

Conversions Part 2

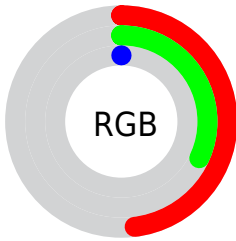
Format	Color
RYB	62, 123, 0
Decimal	8081920
CIELab	38.28, 11.06, 46.86
CIELCh	38, 48.152, 76.719
Yxy	10.2455, 0.4902, 0.4490
Android (android.graphics.Color)	4286272000 (0xFF7B5200)
YUV	84.9110, -41.8611, 33.4041
Hunter-Lab	32.0087, 6.3631, 19.8350

Details

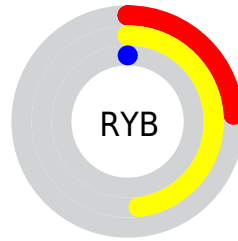
The Hex color **7B5200** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **00297B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B48337**, and **452500** is the 20% darker color. If you saturate the color by 10%, you get **7B5200**, and if you desaturate by 10%, it is **7B560C**.

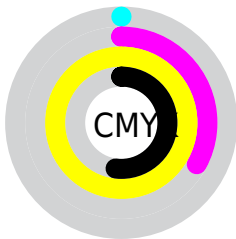
Distribution



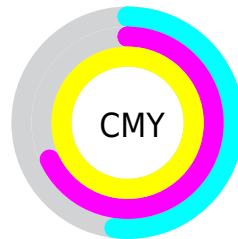
- Red (48%)
- Green (32%)
- Blue (0%)



- Red (24%)
- Yellow (48%)
- Blue (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (100%)
- Black (52%)



- Cyan (52%)
- Magenta (68%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5200 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 7B5200 by changing the saturation by 10% instead.

 7B5200

 7B5200

 FFFFF3

 603B00

 B48337

 452500

 D19D50

 2B1100

 EFB86A

 0A0000

 FFD484

 000000

 FFF09F

 FFFFBA

 FFFF7D

 7B5200

 7B560C

 7B5A19

 7B5E25

 7B6231

 7B673E

 7B6B4A

 7B6F56

 7B7362

 7B776F

Harmonies

Analogous

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



944122



7B5200



585F00

Triad

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



7B5200



006C6F



774590

Complementary

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



7B5200



00297B

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.



3257A5



7B5200



006A92

Square

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



7B5200



006B47



0064A6



97356D

Rectangle

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



7B5200



3B6513



0064A6



664C99

Sweetspot

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



7B5200



A19170



7B0029



524834



D1D1D1



525252

Same Dimension

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



7B5200



A16B00



667B00



3D3B37



7D5300



FCA800

Inverse Universe

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



00297B



0036A1



14007B



37393D



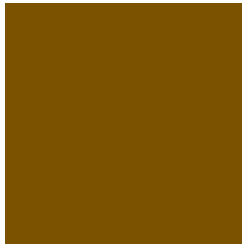
002A7D



0054FC

Previews

White Background



This preview shows how the Hex color 7B5200 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 7B5200 Background



This preview shows how black text looks on a background with the Hex color 7B5200.



This preview shows how white text looks on a background with the Hex color 7B5200.

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
7B5200

Protanopia
665B08

Deuteranopia
735600

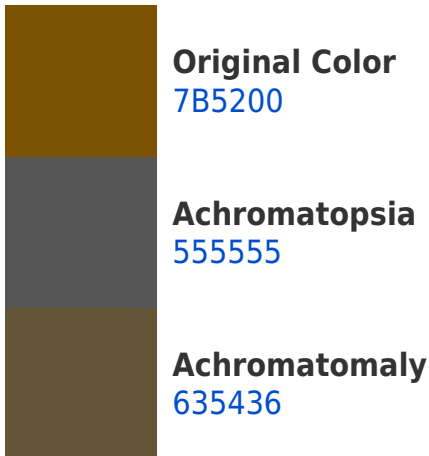


Tritanopia
7E4C52

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5200 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 #7B5200 looks like.

```
.text, #text, p{  
    color:#7B5200  
}
```

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 #7B5200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5200
}
```

Border

The CSS property to change the border of an element to Hex 7B5200 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
#7B5200 }
```

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

```
.border{ border-color:#7B5200 }
```

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

Here you see how a box with a 4 pixel #7B5200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5200; -webkit-box-shadow:4px 4px  
4px 4px #7B5200; box-shadow:4px 4px 4px  
4px #7B5200 }
```

Background

The CSS property to change the background color of an element to Hex 7B5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5200 }
```

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

```
.background{ background-color:#7B5200 }
```

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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