

Converting Colors

Hex(7D5011)

Have a look what the booklet for
Hex(7D5011) contains.

Hex(7D5011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7D5011)

Conversions

Conversions Part 1

Format	Color
Hex	7D5011
RGB	125, 80, 17
RGB Percent	49%, 31%, 7%
CMY	0.5098, 0.6863, 0.9333
CMYK	0.00, 0.36, 0.86, 0.51
HSL	35°, 76%, 28%
HSV	35°, 86%, 49%
XYZ	11.4273, 10.1378, 1.8848
YIQ	86.2730, 47.0430, -10.0530

Conversions

Conversions Part 2

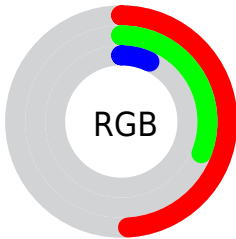
Format	Color
R_{YB}	94, 125, 17
Decimal	8212497
CIE Lab	38.09, 13.64, 41.52
CIE LCh	38, 43.701, 71.818
Yxy	10.1378, 0.4873, 0.4323
Android (android.graphics.Color)	4286402577 (0xFF7D5011)
YUV	86.2730, -34.1516, 33.9636
Hunter-Lab	31.8399, 8.3437, 18.7781

Details

The Hex color **7D5011** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **113E7D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B68142**, and **472300** is the 20% darker color. If you saturate the color by 10%, you get **7D4B04**, and if you desaturate by 10%, it is **7D551D**.

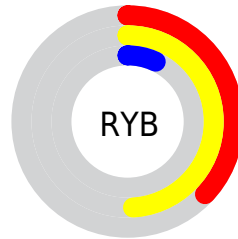
Distribution



Red (49%)

Green (31%)

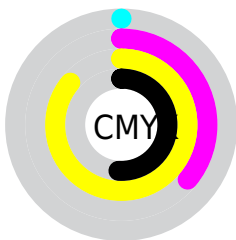
Blue (7%)



Red (37%)

Yellow (49%)

Blue (7%)

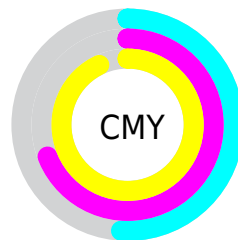


Cyan (0%)

Magenta (36%)

Yellow (86%)

Black (51%)



Cyan (51%)

Magenta (69%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D5011 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 7D5011 by changing the saturation by 10% instead.



7D5011



7D5011

FFFFFFE



623900



B68142



472300



D39B5B



2D0F00



F0B674



0E0000



FFD28E



000000



FFEEA9



FFFFC5



FFFFE1



7D5011



7D5011

■ 7D4B04

■ 7D551D

■ 7D4900

■ 7D5A2A

■ 7D6036

■ 7D6543

■ 7D6A4F

■ 7D6F5C

■ 7D7469

■ 7D7A75

■ 7D7F82

Harmonies

Analogous

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



92412C



7D5011



5E5C09

Triad

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



7D5011



006A67



6D4A8F

Complementary

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



7D5011



113E7D

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.



2A599F



7D5011



006988

Square

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



7D5011



006942



00639D



8E3B71

Rectangle

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



7D5011



466217



00639D



5C4F96

Sweetspot

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



7D5011



A39279



7D113E



524738



D1D1D1



525252

Same Dimension

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



7D5011



A35F00



747D11



403D39



804A00



000000

Inverse Universe

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



113E7D



0044A3



1A117D



393C40



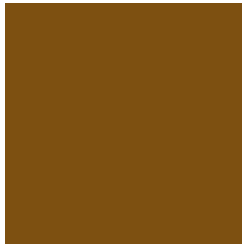
003580



000000

Previews

White Background



This preview shows how the Hex color 7D5011 looks on a white background.

Color Contrast Check

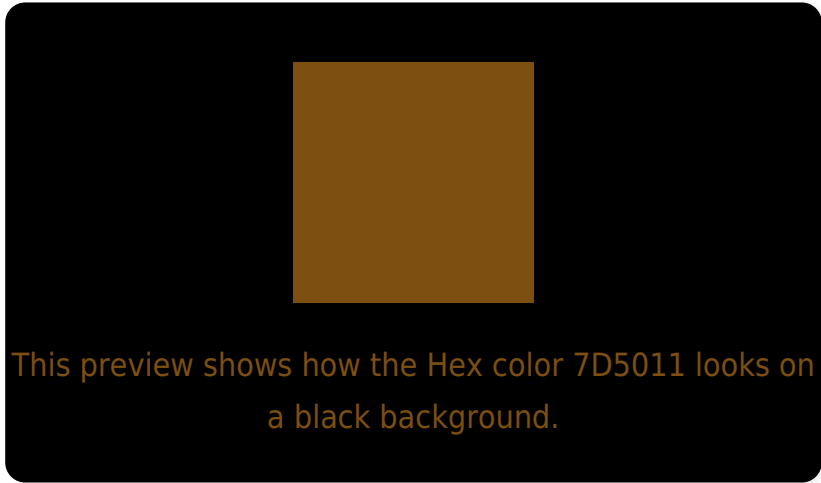
Large Text (above 18pt) WCAG AA ✓ Pass

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

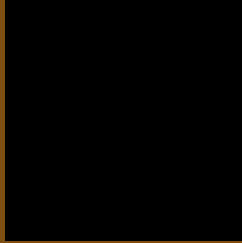
Any Text WCAG AA × Fail

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 7D5011 Background



This preview shows how black text looks on a background with the Hex color 7D5011.



This preview shows how white text looks on a background with the Hex color 7D5011.

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
7D5011

Protanopia
655A14

Deuteranopia
72550D



Tritanopia
804B50

Trichromacy



Original Color
7D5011

Protanomaly
6E5613

Deuteranomaly
76530E

Tritanomaly
7F4D39

Monochromacy



Original Color
7D5011

Achromatopsia
565656

Achromatomaly
64543D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D5011 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 #7D5011 looks like.

```
.text, #text, p{  
    color:#7D5011  
}
```

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 #7D5011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D5011
}
```

Border

The CSS property to change the border of an element to Hex 7D5011 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
#7D5011 }
```

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

```
.border{ border-color:#7D5011 }
```

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

Here you see how a box with a 4 pixel #7D5011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D5011; -webkit-box-shadow:4px 4px  
4px 4px #7D5011; box-shadow:4px 4px 4px  
4px #7D5011 }
```

Background

The CSS property to change the background color of an element to Hex 7D5011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D5011 }
```

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

```
.background{ background-color:#7D5011 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor