

Converting Colors

Hex(8D7300)

Have a look what the booklet for
Hex(8D7300) contains.

Hex(8D7300)	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(8D7300)

Conversions

Conversions Part 1

Format	Color
Hex	8D7300
RGB	141, 115, 0
RGB Percent	55%, 45%, 0%
CMY	0.4471, 0.5490, 1.0000
CMYK	0.00, 0.18, 1.00, 0.45
HSL	49°, 100%, 28%
HSV	49°, 100%, 55%
XYZ	17.1152, 17.9242, 2.5576
YIQ	109.6640, 52.4110, -30.2530

Conversions

Conversions Part 2

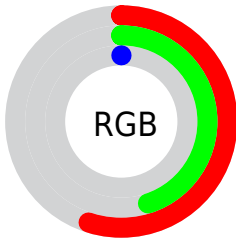
Format	Color
RYB	32, 141, 0
Decimal	9270016
CIELab	49.40, 0.43, 55.49
CIELCh	49, 55.489, 89.552
Yxy	17.9242, 0.4552, 0.4767
Android (android.graphics.Color)	4287460096 (0xFF8D7300)
YUV	109.6640, -54.0644, 27.4817
Hunter-Lab	42.3370, -1.9289, 26.0541

Details

The Hex color **8D7300** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **001A8D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **C6A740**, and **564300** is the 20% darker color. If you saturate the color by 10%, you get **8D7300**, and if you desaturate by 10%, it is **8D760E**.

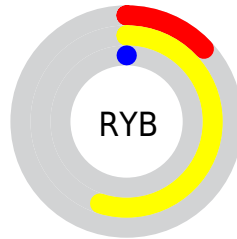
Distribution



Red (55%)

Green (45%)

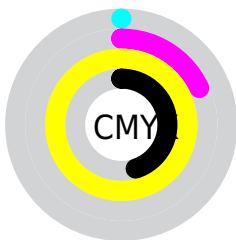
Blue (0%)



Red (13%)

Yellow (55%)

Blue (0%)

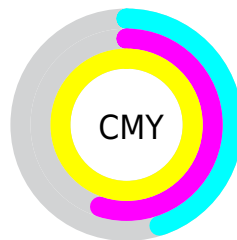


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color 8D7300 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 8D7300 by changing the saturation by 10% instead.

 8D7300

 8D7300

FFFFFF

 715B00

 C6A740

 564300

 E4C25A

 3C2E00

 FFDD74

 231900

 FFFA8F

 000000

 FFFFAB

 FFFFC7

 FFFFE4

 8D7300

 8D760E

 8D781C

 8D7B2A

 8D7D38

 8D8047

 8D8355

 8D8563

 8D8871

 8D8A7F

Harmonies

Analogous

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



B16021



8D7300



5E8018

Triad

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



8D7300



008BA3



AD54A6

Complementary

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



8D7300



001A8D

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.



7369C8



8D7300



0086C6

Square

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



8D7300



008B73



007BD4



C74678

Rectangle

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



8D7300



338634



007BD4



9E5BB3

Sweetspot

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



8D7300



B8AD81



8D001C



5C563B



DBDBDB



5C5C5C

Same Dimension

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



8D7300



B89600



638D00



474640



876E00



080600

Inverse Universe

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



001A8D



0022B8



2A008D



404247



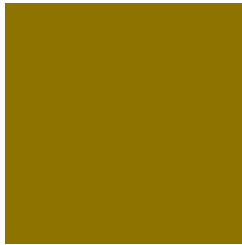
001987



000108

Previews

White Background



This preview shows how the Hex color 8D7300 looks on a white background.

Color Contrast Check

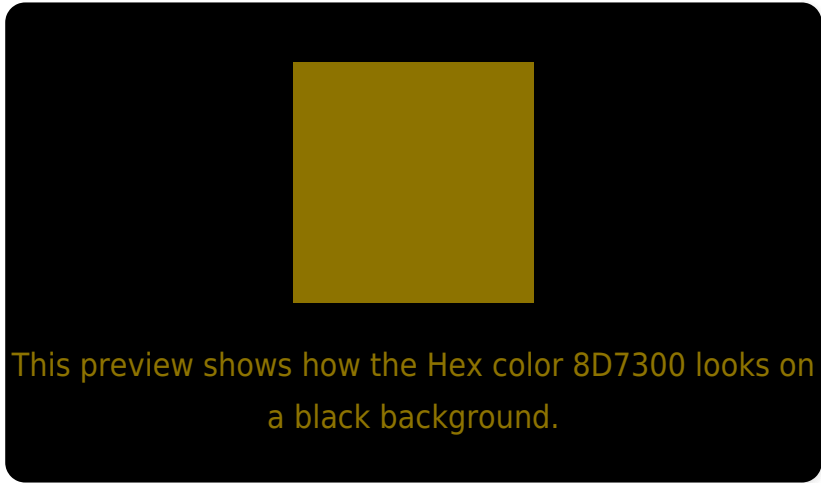
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8D7300 Background



This preview shows how black text looks on a background with the Hex color 8D7300.



This preview shows how white text looks on a background with the Hex color 8D7300.

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
8D7300

Protanopia
857606

Deuteranopia
95700B

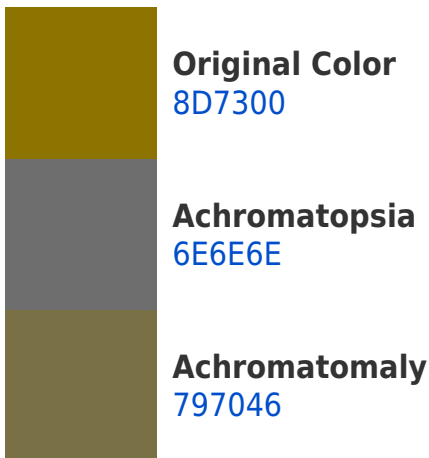


Tritanopia
936B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8D7300 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 #8D7300 looks like.

```
.text, #text, p{  
    color:#8D7300  
}
```

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 #8D7300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D7300
}
```

Border

The CSS property to change the border of an element to Hex 8D7300 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
#8D7300 }
```

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

```
.border{ border-color:#8D7300 }
```

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

Here you see how a box with a 4 pixel #8D7300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D7300; -webkit-box-shadow:4px 4px  
4px 4px #8D7300; box-shadow:4px 4px 4px  
4px #8D7300 }
```

Background

The CSS property to change the background color of an element to Hex 8D7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D7300 }
```

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

```
.background{ background-color:#8D7300 }
```

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