

Converting Colors

Hex(795300)

Have a look what the booklet for
Hex(795300) contains.

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Color

Hex(795300)

Conversions

Conversions Part 1

Format	Color
Hex	795300
RGB	121, 83, 0
RGB Percent	47%, 33%, 0%
CMY	0.5255, 0.6745, 1.0000
CMYK	0.00, 0.31, 1.00, 0.53
HSL	41°, 100%, 24%
HSV	41°, 100%, 47%
XYZ	10.9784, 10.2515, 1.4001
YIQ	84.9000, 49.2910, -17.7570

Conversions

Conversions Part 2

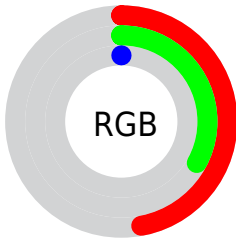
Format	Color
R_{YB}	55, 121, 0
Decimal	7951104
CIE _{Lab}	38.29, 9.49, 46.75
CIE _{LCh}	38, 47.702, 78.520
Yxy	10.2515, 0.4851, 0.4530
Android (android.graphics.Color)	4286141184 (0xFF795300)
YUV	84.9000, -41.8557, 31.6597
Hunter-Lab	32.0179, 5.1734, 19.8199

Details

The Hex color **795300** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002679**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B28438**, and **432600** is the 20% darker color. If you saturate the color by 10%, you get **795300**, and if you desaturate by 10%, it is **79570C**.

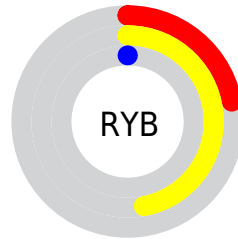
Distribution



Red (47%)

Green (33%)

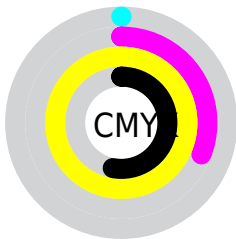
Blue (0%)



Red (22%)

Yellow (47%)

Blue (0%)

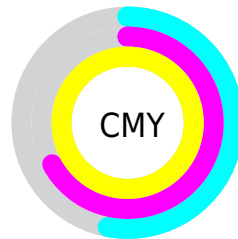


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 795300 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 795300 by changing the saturation by 10% instead.

 795300

 795300

 FFFFF3

 5E3C00

 B28438

 432600

 CF9E51

 291200

 ECB96A

 060000

 FFD584

 000000

 FFF19F

 FFFFBB

 FFFF7D

 795300

 79570C

 795B18

 795E24

 796230

 79663C

 796A49

 796E55

 797161

 79756D

Harmonies

Analogous

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



934321



795300



566000

Triad

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



795300



006C72



79458E

Complementary

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



795300



002679

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.



3A56A4



795300



006A93

Square

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



795300



006B49



0063A6



98356B

Rectangle

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



795300



396517



0063A6



694B97

Sweetspot

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



795300



9E8F6F



790026



4F4633



CFCFCF



4F4F4F

Same Dimension

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



795300



9E6C00



637900



3D3B37



7D5600



FCAD00

Inverse Universe

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



002679



00329E



160079



37393D



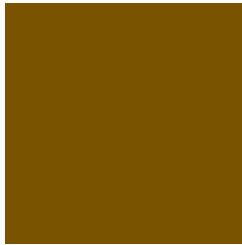
00277D



004FFC

Previews

White Background



This preview shows how the Hex color 795300 looks on a white background.

Color Contrast Check

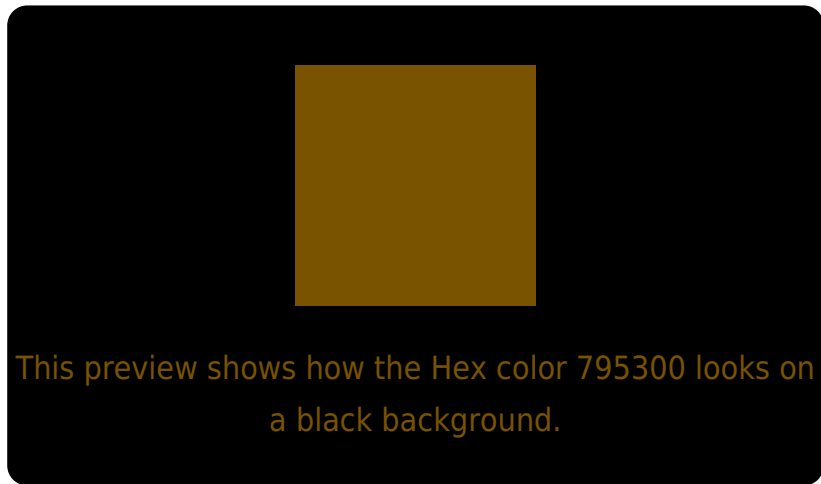
Large Text (above 18pt) WCAG AA ✓ Pass

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 795300 Background



This preview shows how black text looks on a background with the Hex color 795300.



This preview shows how white text looks on a background with the Hex color 795300.

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
795300

Protanopia
665B08

Deuteranopia
735600



Tritanopia
7D4D53

Trichromacy



Original Color
795300

Protanomaly
6D5805

Deuteranomaly
755500

Tritanomaly
7C4F35

Monochromacy



Original Color
795300

Achromatopsia
555555

Achromatomaly
625436

CSS Examples

Text

The CSS property to change the color of the text to Hex 795300 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 #795300 looks like.

```
.text, #text, p{  
    color:#795300  
}
```

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 #795300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795300
}
```

Border

The CSS property to change the border of an element to Hex 795300 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
#795300 }
```

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

```
.border{ border-color:#795300 }
```

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

Here you see how a box with a 4 pixel #795300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795300; -webkit-box-shadow:4px 4px  
4px 4px #795300; box-shadow:4px 4px 4px  
4px #795300 }
```

Background

The CSS property to change the background color of an element to Hex 795300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795300 }
```

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

```
.background{ background-color:#795300 }
```

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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