

Converting Colors

Hex(745300)

Have a look what the booklet for
Hex(745300) contains.

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Color

Hex(745300)

Conversions

Conversions Part 1

Format	Color
Hex	745300
RGB	116, 83, 0
RGB Percent	45%, 33%, 0%
CMY	0.5451, 0.6745, 1.0000
CMYK	0.00, 0.28, 1.00, 0.55
HSL	43°, 100%, 23%
HSV	43°, 100%, 45%
XYZ	10.2957, 9.8995, 1.3682
YIQ	83.4050, 46.3110, -18.8170

Conversions

Conversions Part 2

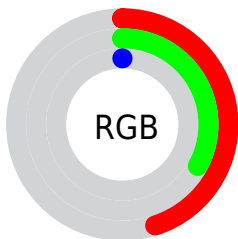
Format	Color
R_{YB}	46, 116, 0
Decimal	7623424
CIE Lab	37.66, 7.05, 46.02
CIE LCh	38, 46.560, 81.294
Yxy	9.8995, 0.4775, 0.4591
Android (android.graphics.Color)	4285813504 (0xFF745300)
YUV	83.4050, -41.1187, 28.5858
Hunter-Lab	31.4635, 3.3490, 19.4463

Details

The Hex color **745300** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002174**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **AC8437**, and **3F2700** is the 20% darker color. If you saturate the color by 10%, you get **745300**, and if you desaturate by 10%, it is **74560C**.

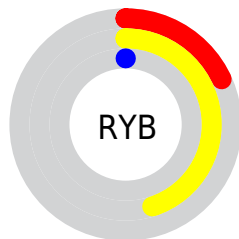
Distribution



Red (45%)

Green (33%)

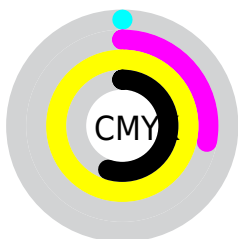
Blue (0%)



Red (18%)

Yellow (45%)

Blue (0%)

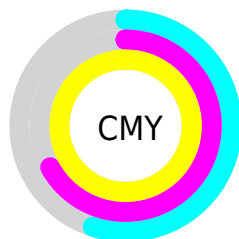


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 745300 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 745300 by changing the saturation by 10% instead.

 745300

 745300

 FFFFF3

 593C00

 AC8437

 3F2700

 C99E50

 251300

 E6B96A

 000000

 FFD584

 FFF19F

 FFFFBA

 FFFF66

 745300

■ 74560C

■ 745A17

■ 745D23

■ 74602E

■ 74643A

■ 746746

■ 746A51

■ 746D5D

■ 747168

Harmonies

Analogous

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



8E431E



745300



515F03

Triad

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



745300



006A73



7B4288

Complementary

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



745300



002174

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.



42539F



745300



006793

Square

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



745300



00694C



0060A3



963465

Rectangle

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



745300



34641A



0060A3



6C4892

Sweetspot

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



745300



968A69



740023



4D4531



CCCCCC



4D4D4D

Same Dimension

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



745300



966C00



5D7400



3B3935



7A5800



FAB300

Inverse Universe

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



002174



002B96



170074



35363B



00237A



0047FA

Previews

White Background



This preview shows how the Hex color 745300 looks on a white background.

Color Contrast Check

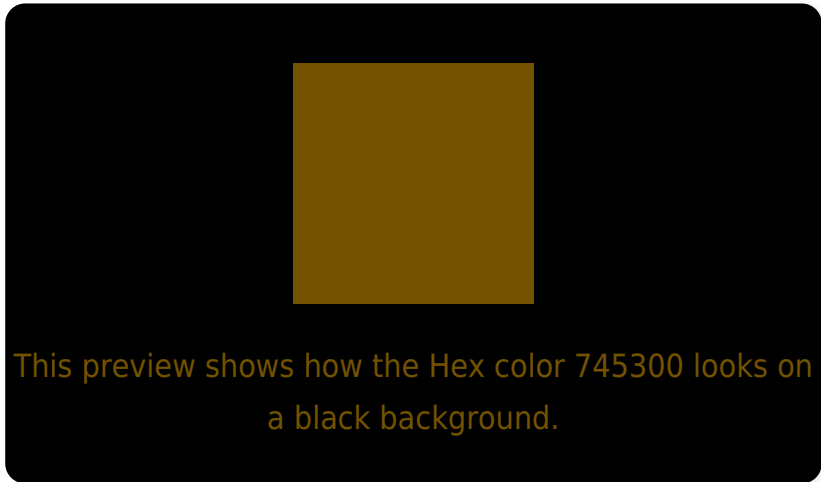
Large Text (above 18pt) WCAG AA ✓ Pass

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 745300 Background



This preview shows how black text looks on a background with the Hex color 745300.



This preview shows how white text looks on a background with the Hex color 745300.

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
745300

Protanopia
655907

Deuteranopia
715400



Tritanopia
784D53

Trichromacy



Original Color
745300

Protanomaly
6A5704

Deuteranomaly
725400

Tritanomaly
774F35

Monochromacy



Original Color
745300

Achromatopsia
535353

Achromatomaly
5F5335

CSS Examples

Text

The CSS property to change the color of the text to Hex 745300 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 #745300 looks like.

```
.text, #text, p{  
    color:#745300  
}
```

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 #745300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745300
}
```

Border

The CSS property to change the border of an element to Hex 745300 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
#745300 }
```

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

```
.border{ border-color:#745300 }
```

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

Here you see how a box with a 4 pixel #745300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745300; -webkit-box-shadow:4px 4px  
4px 4px #745300; box-shadow:4px 4px 4px  
4px #745300 }
```

Background

The CSS property to change the background color of an element to Hex 745300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745300 }
```

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

```
.background{ background-color:#745300 }
```

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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