

Converting Colors

Hex(735B00)

Have a look what the booklet for
Hex(735B00) contains.

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Color

Hex(735B00)

Conversions

Conversions Part 1

Format	Color
Hex	735B00
RGB	115, 91, 0
RGB Percent	45%, 36%, 0%
CMY	0.5490, 0.6431, 1.0000
CMYK	0.00, 0.21, 1.00, 0.55
HSL	47°, 100%, 23%
HSV	47°, 100%, 45%
XYZ	10.8113, 11.1270, 1.5779
YIQ	87.8020, 43.5150, -23.2130

Conversions

Conversions Part 2

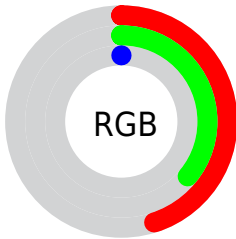
Format	Color
RYB	30, 115, 0
Decimal	7559936
CIELab	39.79, 1.77, 47.44
CIELCh	40, 47.468, 87.861
Yxy	11.1270, 0.4597, 0.4732
Android (android.graphics.Color)	4285750016 (0xFF735B00)
YUV	87.8020, -43.2864, 23.8526
Hunter-Lab	33.3572, -0.5218, 20.5454

Details

The Hex color **735B00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **001873**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **AB8D39**, and **3E2E00** is the 20% darker color. If you saturate the color by 10%, you get **735B00**, and if you desaturate by 10%, it is **735D0B**.

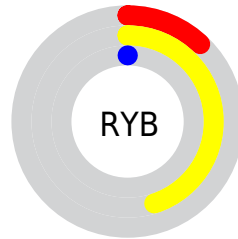
Distribution



Red (45%)

Green (36%)

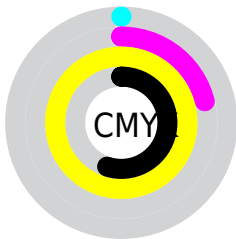
Blue (0%)



Red (12%)

Yellow (45%)

Blue (0%)

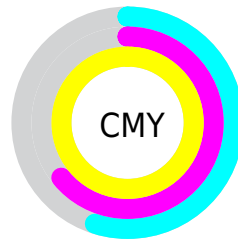


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 735B00 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 735B00 by changing the saturation by 10% instead.

 735B00

 735B00

 FFFFF6

 584400

 AB8D39

 3E2E00

 C7A752

 251900

 E5C26C

 020000

 FFDE86

 000000

 FFFAA1

 FFFFBD

 FFFFD9

 735B00

 735D0B

 736017

 736223

 73652E

 73673A

 736945

 736C51

 736E5C

 737168

Harmonies

Analogous

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



904C1A



735B00



4D660F

Triad

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



735B00



006F81



8A4388

Complementary

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



735B00



001873

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.



5855A3



735B00



006C9F

Square

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



735B00



006F5A



0063AB



A03762

Rectangle

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



735B00



2B6B26



0063AB



7C4992

Sweetspot

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



735B00



968D69



730019



4D4731



CCCCCC



4D4D4D

Same Dimension

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



735B00



967700



527300



3B3935



7A6100



FAC600

Inverse Universe

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



001873



001F96



210073



35363B



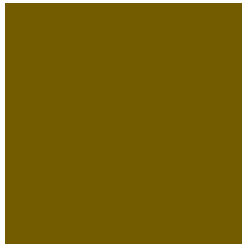
001A7A



0034FA

Previews

White Background



This preview shows how the Hex color 735B00 looks on a white background.

Color Contrast Check

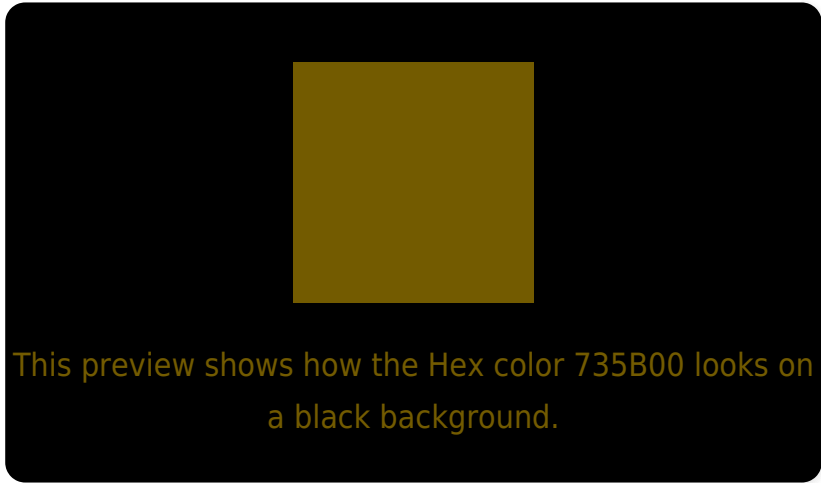
Large Text (above 18pt) WCAG AA ✓ Pass

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 735B00 Background



This preview shows how black text looks on a background with the Hex color 735B00.



This preview shows how white text looks on a background with the Hex color 735B00.

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

735B00

Protanopia

6A5E05

Deuteranopia

775907



Tritanopia
78555B

Trichromacy



Original Color
735B00

Protanomaly
6D5D03

Deuteranomaly
765A04

Tritanomaly
76573A

Monochromacy



Original Color
735B00

Achromatopsia
585858

Achromatomaly
625938

CSS Examples

Text

The CSS property to change the color of the text to Hex 735B00 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 #735B00 looks like.

```
.text, #text, p{  
    color:#735B00  
}
```

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 #735B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735B00
}
```

Border

The CSS property to change the border of an element to Hex 735B00 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
#735B00 }
```

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

```
.border{ border-color:#735B00 }
```

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

Here you see how a box with a 4 pixel #735B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735B00; -webkit-box-shadow:4px 4px  
4px 4px #735B00; box-shadow:4px 4px 4px  
4px #735B00 }
```

Background

The CSS property to change the background color of an element to Hex 735B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735B00 }
```

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

```
.background{ background-color:#735B00 }
```

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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