

Converting Colors

Hex(735B30)

Have a look what the booklet for
Hex(735B30) contains.

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Color

Hex(735B30)

Conversions

Conversions Part 1

Format	Color
Hex	735B30
RGB	115, 91, 48
RGB Percent	45%, 36%, 19%
CMY	0.5490, 0.6431, 0.8118
CMYK	0.00, 0.21, 0.58, 0.55
HSL	39°, 41%, 32%
HSV	39°, 58%, 45%
XYZ	11.3448, 11.3404, 4.3873
YIQ	93.2740, 28.1070, -8.2850

Conversions

Conversions Part 2

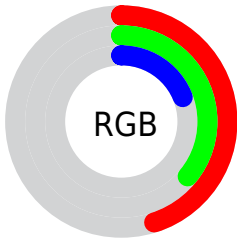
Format	Color
R _Y B	85, 115, 48
Decimal	7559984
CIE Lab	40.15, 4.16, 28.24
CIE LCh	40, 28.546, 81.611
Yxy	11.3404, 0.4191, 0.4189
Android (android.graphics.Color)	4285750064 (0xFF735B30)
YUV	93.2740, -22.3201, 19.0537
Hunter-Lab	33.6755, 1.2020, 15.8485

Details

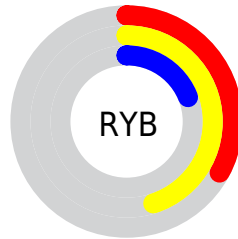
The Hex color **735B30** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **304873**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A98D5F**, and **412E01** is the 20% darker color. If you saturate the color by 10%, you get **735725**, and if you desaturate by 10%, it is **735F3C**.

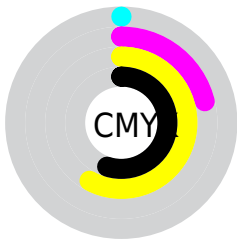
Distribution



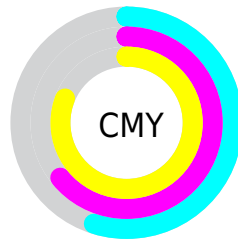
- Red (45%)
- Green (36%)
- Blue (19%)



- Red (33%)
- Yellow (45%)
- Blue (19%)



- Cyan (0%)
- Magenta (21%)
- Yellow (58%)
- Black (55%)



- Cyan (55%)
- Magenta (64%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 735B30 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 735B30 by changing the saturation by 10% instead.

 735B30

 735B30

FFFFFF

 59441A

 A98D5F

 412E01

 C5A778

 291900

 E1C292

 0C0000

 FFDEAD

 000000

 FFFBC9

 FFFF E5

 735B30

 735B30

 735725

 735F3C

■ 735319

■ 736347

■ 734F0D

■ 736753

■ 734B02

■ 736B5E

■ 734A00

■ 73706A

■ 737475

■ 737881

■ 737C8C

■ 738098

Harmonies

Analogous

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



84533B



735B30



5C6232

Triad

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



735B30



006B6F



75527C

Complementary

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



735B30



304873

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.



575B8A



735B30



006883

Square

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



735B30



1D6A57



2B638C



874C66

Rectangle

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



735B30



4B663B



2B638C



6D5582

Sweetspot

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



735B30



968D7D



733049



4D473D



CCCCCC



4D4D4D

Same Dimension

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



735B30



96712D



6A7330



3B3935



7A4F00



FAA000

Inverse Universe

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



304873



2D5396



393073



35373B



002C7A



005AFA

Previews

White Background



This preview shows how the Hex color 735B30 looks on a white background.

Color Contrast Check

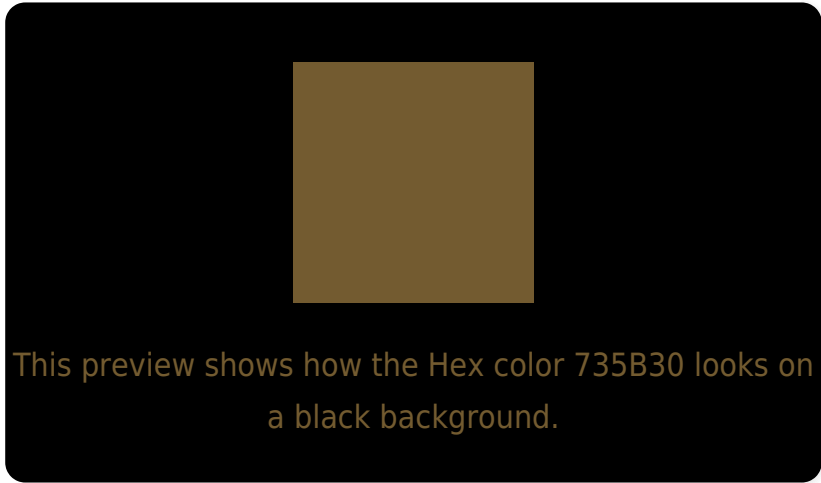
Large Text (above 18pt) WCAG AA ✓ Pass

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

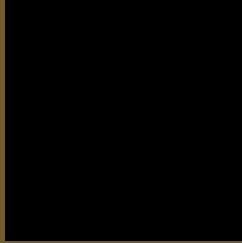
Any Text WCAG AA × Fail

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 735B30 Background



This preview shows how black text looks on a background with the Hex color 735B30.



This preview shows how white text looks on a background with the Hex color 735B30.

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
735B30

Protanopia
695F31

Deuteranopia
755A30



Tritanopia
77565D

Trichromacy



Original Color
735B30

Protanomaly
6D5E31

Deuteranomaly
745A30

Tritanomaly
76584D

Monochromacy



Original Color
735B30

Achromatopsia
5D5D5D

Achromatomaly
655C4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 735B30 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 #735B30 looks like.

```
.text, #text, p{  
    color:#735B30  
}
```

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 #735B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735B30
}
```

Border

The CSS property to change the border of an element to Hex 735B30 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
#735B30 }
```

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

```
.border{ border-color:#735B30 }
```

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

Here you see how a box with a 4 pixel #735B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735B30; -webkit-box-shadow:4px 4px  
4px 4px #735B30; box-shadow:4px 4px 4px  
4px #735B30 }
```

Background

The CSS property to change the background color of an element to Hex 735B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735B30 }
```

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

```
.background{ background-color:#735B30 }
```

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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