

Converting Colors

Hex(737B34)

Have a look what the booklet for
Hex(737B34) contains.

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Color

Hex(737B34)

Conversions

Conversions Part 1

Format	Color
Hex	737B34
RGB	115, 123, 52
RGB Percent	45%, 48%, 20%
CMY	0.5490, 0.5176, 0.7961
CMYK	0.07, 0.00, 0.58, 0.52
HSL	67°, 41%, 34%
HSV	67°, 58%, 48%
XYZ	14.7730, 18.0587, 5.9559
YIQ	112.5140, 18.0230, -23.7770

Conversions

Conversions Part 2

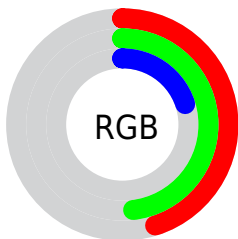
Format	Color
RYB	52, 123, 60
Decimal	7568180
CIELab	49.57, -13.79, 37.13
CIELCh	50, 39.603, 110.371
Yxy	18.0587, 0.3809, 0.4656
Android (android.graphics.Color)	4285758260 (0xFF737B34)
YUV	112.5140, -29.8334, 2.1802
Hunter-Lab	42.4955, -12.3139, 21.4372

Details

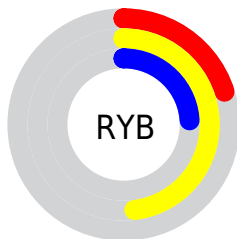
The Hex color **737B34** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C347B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A9AF65**, and **414A01** is the 20% darker color. If you saturate the color by 10%, you get **727B28**, and if you desaturate by 10%, it is **747B40**.

Distribution



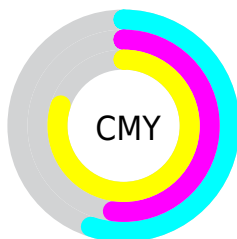
- Red (45%)
- Green (48%)
- Blue (20%)



- Red (20%)
- Yellow (48%)
- Blue (24%)



- Cyan (7%)
- Magenta (0%)
- Yellow (58%)
- Black (52%)



- Cyan (55%)
- Magenta (52%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 737B34 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 737B34 by changing the saturation by 10% instead.

 737B34

 737B34

FFFFFF

 59621C

 A9AF65

 414A01

 C4CB7F

 293400

 E1E799

 101F00

 FEFFB5

 000000

 FFFFD0

 FFFFED

 737B34

 737B34

 727B28

 747B40

■ 707B1B

■ 767B4D

■ 6F7B0F

■ 777B59

■ 6D7B03

■ 797B65

■ 6D7B00

■ 7A7B72

■ 7B7B7E

■ 7D7B8A

■ 7E7B96

■ 7F7BA3

Harmonies

Analogous

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



937032



737B34



4C8249

Triad

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



737B34



0084A9



AF5A82

Complementary

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



737B34



3C347B

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.



9564A1



737B34



067DB8

Square

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



737B34



00878C



6671B5



B55B60

Rectangle

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



737B34



25855E



6671B5



A85D8D

Sweetspot

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



737B34



9EA185



7B3B34



505241



D1D1D1



525252

Same Dimension

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



737B34



94A132



507B34



3D3D37



6F7D00



E0FC00

Inverse Universe

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



3C347B



3E32A1



5F347B



38373D



0E007D



1C00FC

Previews

White Background



This preview shows how the Hex color 737B34 looks on a white background.

Color Contrast Check

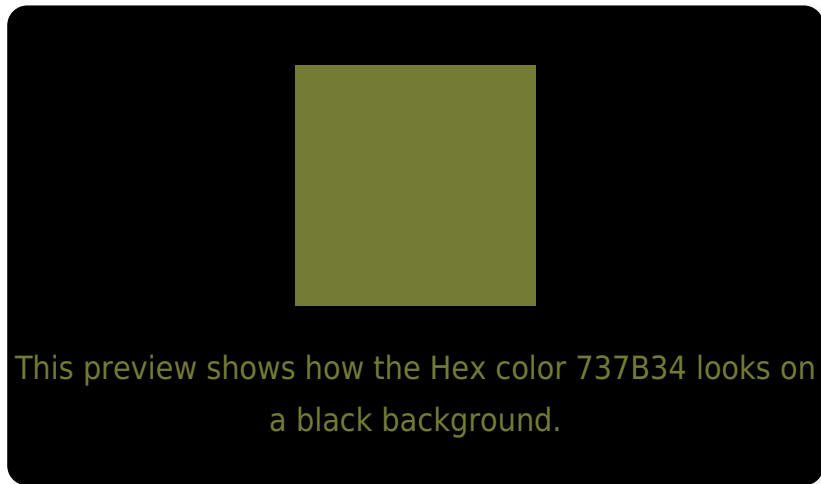
Large Text (above 18pt) WCAG AA ✓ Pass

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

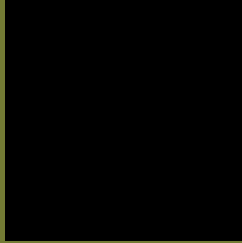
Any Text WCAG AA ✓ Pass

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 737B34 Background



This preview shows how black text looks on a background with the Hex color 737B34.



This preview shows how white text looks on a background with the Hex color 737B34.

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
737B34

Protanopia
837632

Deuteranopia
917037



Tritanopia
7B737D

Trichromacy



Original Color
737B34

Protanomaly
7D7833

Deuteranomaly
867436

Tritanomaly
787662

Monochromacy



Original Color
737B34

Achromatopsia
717171

Achromatomaly
72755B

CSS Examples

Text

The CSS property to change the color of the text to Hex 737B34 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 #737B34 looks like.

```
.text, #text, p{  
    color:#737B34  
}
```

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 #737B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737B34
}
```

Border

The CSS property to change the border of an element to Hex 737B34 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
#737B34 }
```

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

```
.border{ border-color:#737B34 }
```

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

Here you see how a box with a 4 pixel #737B34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737B34; -webkit-box-shadow:4px 4px  
4px 4px #737B34; box-shadow:4px 4px 4px  
4px #737B34 }
```

Background

The CSS property to change the background color of an element to Hex 737B34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737B34 }
```

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

```
.background{ background-color:#737B34 }
```

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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