

Converting Colors

Hex(737B45)

Have a look what the booklet for
Hex(737B45) contains.

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Color

Hex(737B45)

Conversions

Conversions Part 1

Format	Color
Hex	737B45
RGB	115, 123, 69
RGB Percent	45%, 48%, 27%
CMY	0.5490, 0.5176, 0.7294
CMYK	0.07, 0.00, 0.44, 0.52
HSL	69°, 28%, 38%
HSV	69°, 44%, 48%
XYZ	15.2274, 18.2404, 8.3484
YIQ	114.4520, 12.5660, -18.4900

Conversions

Conversions Part 2

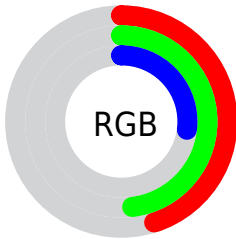
Format	Color
RYB	69, 123, 77
Decimal	7568197
CIELab	49.79, -12.00, 28.46
CIElCh	50, 30.886, 112.867
Yxy	18.2404, 0.3641, 0.4362
Android (android.graphics.Color)	4285758277 (0xFF737B45)
YUV	114.4520, -22.4078, 0.4806
Hunter-Lab	42.7088, -11.0982, 18.3066

Details

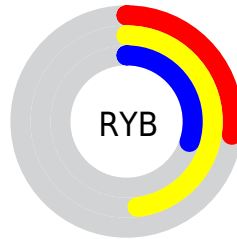
The Hex color **737B45** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D457B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A8AF76**, and **414A17** is the 20% darker color. If you saturate the color by 10%, you get **717B39**, and if you desaturate by 10%, it is **757B51**.

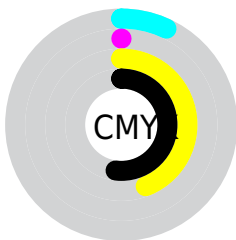
Distribution



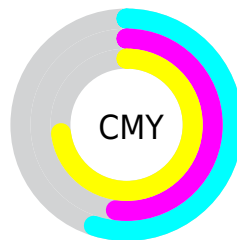
- Red (45%)
- Green (48%)
- Blue (27%)



- Red (27%)
- Yellow (48%)
- Blue (30%)



- Cyan (7%)
- Magenta (0%)
- Yellow (44%)
- Black (52%)



- Cyan (55%)
- Magenta (52%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 737B45 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 737B45 by changing the saturation by 10% instead.

 737B45

 737B45

FFFFFF

 5A622E

 A8AF76

 414A17

 C3CB90

 2B3400

 E0E7AB

 141F00


 FDFFC6

 000000

 FFFF E3

 737B45

 737B45

 717B39

 757B51

 6F7B2C

 777B5E

 6E7B20

 787B6A

 6C7B14

 7A7B76

 6A7B07

 7C7B83

 697B00

 7E7B8F

 807B9B

 827BA7

 837BB4

Harmonies

Analogous

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



8D7342



737B45



548156

Triad

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



737B45



0081A0



A5627E

Complementary

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



737B45



4D457B

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.



916896



737B45



437BAA

Square

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



737B45



00848A



7072A7



A96363

Rectangle

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



737B45



3D8366



7072A7



A06487

Sweetspot

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



737B45



9EA18C



7B4C45



505245



D1D1D1



525252

Same Dimension

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



737B45



94A14C



597B45



3C3D37



6A7D00



D7FC00

Inverse Universe

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



4D457B



584CA1



67457B



38373D



13007D



2500FC

Previews

White Background



This preview shows how the Hex color 737B45 looks on a white background.

Color Contrast Check

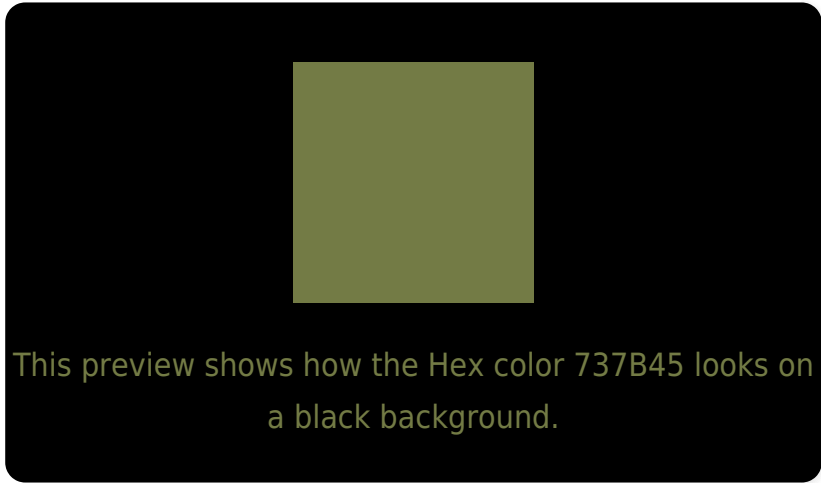
Large Text (above 18pt) WCAG AA ✓ Pass

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

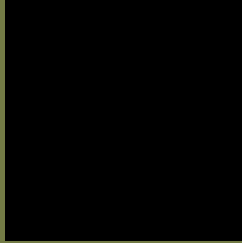
Any Text WCAG AA ✓ Pass

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 737B45 Background



This preview shows how black text looks on a background with the Hex color 737B45.



This preview shows how white text looks on a background with the Hex color 737B45.

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
737B45

Protanopia
827643

Deuteranopia
8F7147



Tritanopia
7A747E

Trichromacy



Original Color
737B45

Protanomaly
7D7844

Deuteranomaly
857546

Tritanomaly
777769

Monochromacy



Original Color
737B45

Achromatopsia
727272

Achromatomaly
727562

CSS Examples

Text

The CSS property to change the color of the text to Hex 737B45 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 #737B45 looks like.

```
.text, #text, p{  
    color:#737B45  
}
```

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 #737B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737B45
}
```

Border

The CSS property to change the border of an element to Hex 737B45 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
#737B45 }
```

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

```
.border{ border-color:#737B45 }
```

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

Here you see how a box with a 4 pixel #737B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737B45; -webkit-box-shadow:4px 4px  
4px 4px #737B45; box-shadow:4px 4px 4px  
4px #737B45 }
```

Background

The CSS property to change the background color of an element to Hex 737B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737B45 }
```

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

```
.background{ background-color:#737B45 }
```

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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