

Converting Colors

Hex(737F51)

Have a look what the booklet for
Hex(737F51) contains.

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Color

Hex(737F51)

Conversions

Conversions Part 1

Format	Color
Hex	737F51
RGB	115, 127, 81
RGB Percent	45%, 50%, 32%
CMY	0.5490, 0.5020, 0.6824
CMYK	0.09, 0.00, 0.36, 0.50
HSL	76°, 22%, 41%
HSV	76°, 36%, 50%
XYZ	16.1448, 19.4177, 10.6816
YIQ	118.1680, 7.6140, -16.8500

Conversions

Conversions Part 2

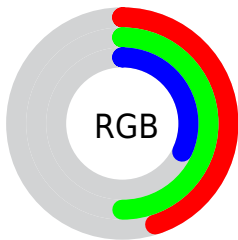
Format	Color
RYB	81, 127, 93
Decimal	7569233
CIELab	51.17, -12.63, 23.57
CIELCh	51, 26.743, 118.178
Yxy	19.4177, 0.3491, 0.4199
Android (android.graphics.Color)	4285759313 (0xFF737F51)
YUV	118.1680, -18.3238, -2.7783
Hunter-Lab	44.0655, -11.7154, 16.4737

Details

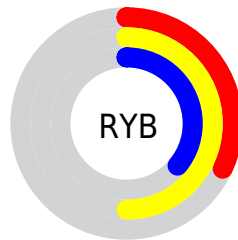
The Hex color **737F51** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5D517F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A8B483**, and **424E23** is the 20% darker color. If you saturate the color by 10%, you get **707F44**, and if you desaturate by 10%, it is **767F5E**.

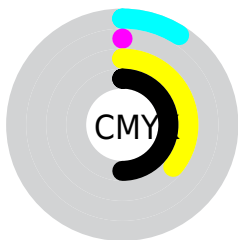
Distribution



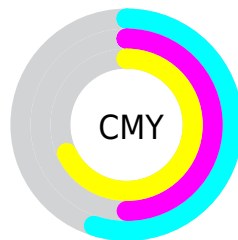
- Red (45%)
- Green (50%)
- Blue (32%)



- Red (32%)
- Yellow (50%)
- Blue (36%)



- Cyan (9%)
- Magenta (0%)
- Yellow (36%)
- Black (50%)



- Cyan (55%)
- Magenta (50%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 737F51 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 737F51 by changing the saturation by 10% instead.

 737F51

 737F51

FFFFFF

 5A663A


 A8B483

 424E23

 C3CF9D

 2B370D

 DFEBB8

 172200

 FCFFD4

 000800

 FFFFF0

 000000

 737F51

 737F51

 707F44

 767F5E

 6C7F38

 7A7F6A

697F2B

7D7F77

667F1E

807F84

627F11

847F91

5F7F05

877F9D

5E7F00

8A7FAA

8E7FB7

917FC3

Harmonies

Analogous

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



8B784C



737F51



588461

Triad

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



737F51



3583A0



A4697C

Complementary

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



737F51



5D517F

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.



966D92



737F51



587DA7

Square

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



737F51



28868F



7B75A2



A66A65

Rectangle

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



737F51



468670



7B75A2



A16984

Sweetspot

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



737F51



A1A694



7F5D51



515449



D4D4D4



545454

Same Dimension

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



737F51



93A65E



5D7F51



3E4039



5E8000



000000

Inverse Universe

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



5D517F



715EA6



74517F



3B3940



210080



000000

Previews

White Background



This preview shows how the Hex color 737F51 looks on a white background.

Color Contrast Check

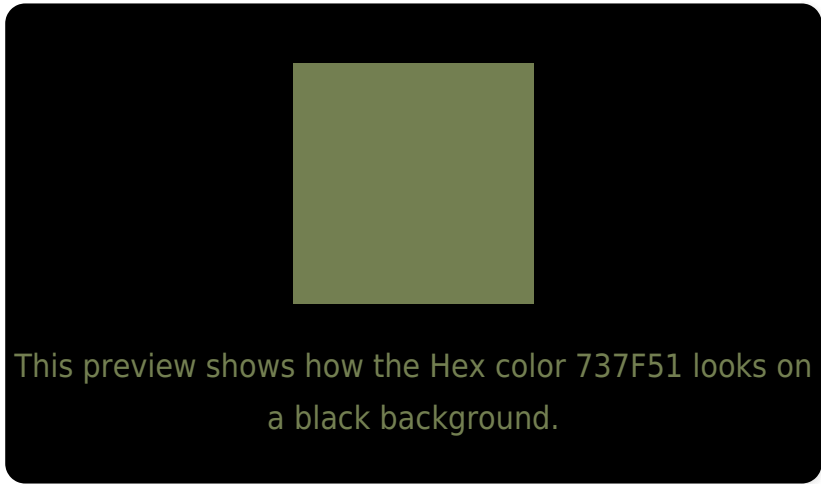
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

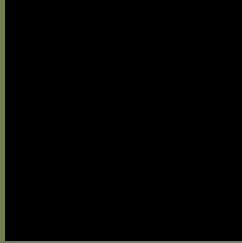
Any Text WCAG AA ✓ Pass

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 737F51 Background



This preview shows how black text looks on a background with the Hex color 737F51.



This preview shows how white text looks on a background with the Hex color 737F51.

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
737F51

Protanopia
847A4F

Deuteranopia
917453



Tritanopia
797983

Trichromacy



Original Color
737F51

Protanomaly
7E7C50

Deuteranomaly
867852

Tritanomaly
777B71

Monochromacy



Original Color
737F51

Achromatopsia
767676

Achromatomaly
757969

CSS Examples

Text

The CSS property to change the color of the text to Hex 737F51 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 #737F51 looks like.

```
.text, #text, p{  
    color:#737F51  
}
```

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 #737F51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737F51
}
```

Border

The CSS property to change the border of an element to Hex 737F51 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
#737F51 }
```

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

```
.border{ border-color:#737F51 }
```

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

Here you see how a box with a 4 pixel #737F51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737F51; -webkit-box-shadow:4px 4px  
4px 4px #737F51; box-shadow:4px 4px 4px  
4px #737F51 }
```

Background

The CSS property to change the background color of an element to Hex 737F51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737F51 }
```

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

```
.background{ background-color:#737F51 }
```

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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