

Converting Colors

Hex(736742)

Have a look what the booklet for
Hex(736742) contains.

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Color

Hex(736742)

Conversions

Conversions Part 1

Format	Color
Hex	736742
RGB	115, 103, 66
RGB Percent	45%, 40%, 26%
CMY	0.5490, 0.5961, 0.7412
CMYK	0.00, 0.10, 0.43, 0.55
HSL	45°, 27%, 35%
HSV	45°, 43%, 45%
XYZ	12.9038, 13.7387, 7.1260
YIQ	102.3700, 19.0290, -8.9630

Conversions

Conversions Part 2

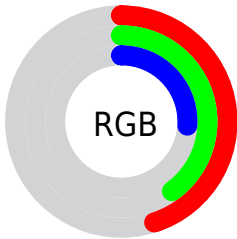
Format	Color
R_YB	82, 115, 66
Decimal	7563074
CIE Lab	43.86, -1.02, 22.60
CIE LCh	44, 22.625, 92.586
Yxy	13.7387, 0.3821, 0.4068
Android (android.graphics.Color)	4285753154 (0xFF736742)
YUV	102.3700, -17.9304, 11.0765
Hunter-Lab	37.0657, -2.7231, 14.5474

Details

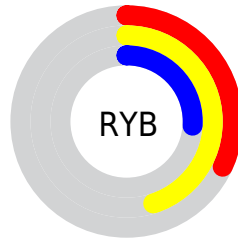
The Hex color **736742** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **424E73**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A89A72**, and **423816** is the 20% darker color. If you saturate the color by 10%, you get **736437**, and if you desaturate by 10%, it is **736A4E**.

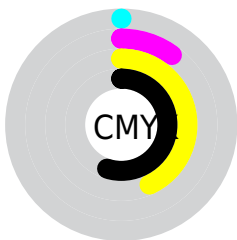
Distribution



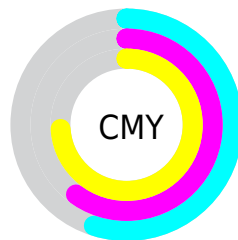
- Red (45%)
- Green (40%)
- Blue (26%)



- Red (32%)
- Yellow (45%)
- Blue (26%)



- Cyan (0%)
- Magenta (10%)
- Yellow (43%)
- Black (55%)



- Cyan (55%)
- Magenta (60%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 736742 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 736742 by changing the saturation by 10% instead.

 736742

 736742

FFFFFF

 5A4F2B

 A89A72

 423816

 C3B58C

 2B2300

 E0D0A7

 110E00

 FDECC2

 000000

 FFFFDE

 FFFFFB

 736742

 736742

 736437

 736A4E

■ 73612B

■ 736D59

■ 735F20

■ 736F65

■ 735C14

■ 737270

■ 735909

■ 73757C

■ 735700

■ 737887

■ 737B93

■ 737E9E

■ 7380AA

Harmonies

Analogous

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



836147



736742



5F6D48

Triad

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



736742



27717B



815C79

Complementary

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



736742



424E73

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.



6C6287



736742



356E88

Square

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



736742



337269



51698D



8C5967

Rectangle

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



736742



506F50



51698D



7B5E7F

Sweetspot

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



736742



969283



73424E



4D4A40



CCCCCC



4D4D4D

Same Dimension

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



736742



96844A



677342



3B3935



7A5C00



FABD00

Inverse Universe

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



424E73



4A5D96



4E4273



35363B



001E7A



003DFA

Previews

White Background



This preview shows how the Hex color 736742 looks on a white background.

Color Contrast Check

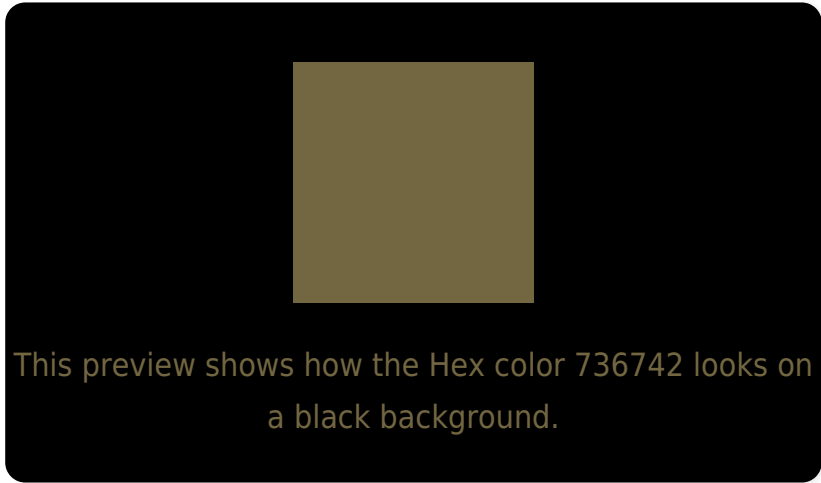
Large Text (above 18pt) WCAG AA ✓ Pass

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

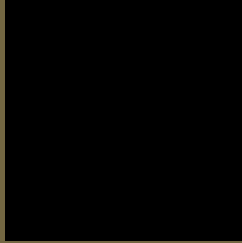
Any Text WCAG AA × Fail

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 736742 Background



This preview shows how black text looks on a background with the Hex color 736742.



This preview shows how white text looks on a background with the Hex color 736742.

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
736742

Protanopia
716842

Deuteranopia
7D6343



Tritanopia
77626A

Trichromacy



Original Color
736742

Protanomaly
726842

Deuteranomaly
796443

Tritanomaly
76645B

Monochromacy



Original Color
736742

Achromatopsia
666666

Achromatomaly
6B6659

CSS Examples

Text

The CSS property to change the color of the text to Hex 736742 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 #736742 looks like.

```
.text, #text, p{  
    color:#736742  
}
```

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 #736742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736742
}
```

Border

The CSS property to change the border of an element to Hex 736742 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
#736742 }
```

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

```
.border{ border-color:#736742 }
```

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

Here you see how a box with a 4 pixel #736742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736742; -webkit-box-shadow:4px 4px  
4px 4px #736742; box-shadow:4px 4px 4px  
4px #736742 }
```

Background

The CSS property to change the background color of an element to Hex 736742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736742 }
```

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

```
.background{ background-color:#736742 }
```

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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