

Converting Colors

Hex(747377)

Have a look what the booklet for
Hex(747377) contains.

Hex(747377)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(747377)

Conversions

Conversions Part 1

Format	Color
Hex	747377
RGB	116, 115, 119
RGB Percent	45%, 45%, 47%
CMY	0.5451, 0.5490, 0.5333
CMYK	0.03, 0.03, 0.00, 0.53
HSL	255°, 2%, 46%
HSV	255°, 3%, 47%
XYZ	16.6630, 17.3064, 19.9150
YIQ	115.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

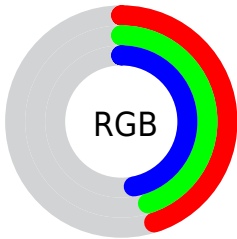
Format	Color
R_{YB}	116, 115, 119
Decimal	7631735
CIE _{Lab}	48.64, 1.20, -2.07
CIE _{LCh}	49, 2.396, 300.100
Yxy	17.3064, 0.3092, 0.3212
Android (android.graphics.Color)	4285821815 (0xFF747377)
YUV	115.7550, 1.5998, 0.2149
Hunter-Lab	41.6009, -1.3047, 0.7376

Details

The Hex color **747377** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **767773**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A8A7AB**, and **444347** is the 20% darker color. If you saturate the color by 10%, you get **6B6777**, and if you desaturate by 10%, it is **7D7F77**.

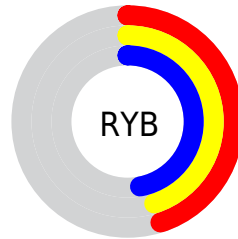
Distribution



Red (45%)

Green (45%)

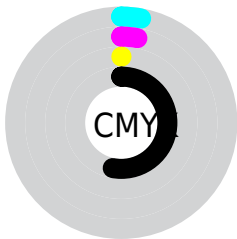
Blue (47%)



Red (45%)

Yellow (45%)

Blue (47%)

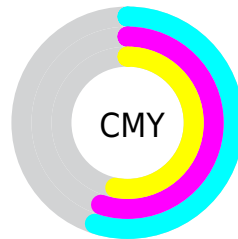


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (53%)



Cyan (55%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747377 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 747377 by changing the saturation by 10% instead.



747377



747377

FFFFFF



5B5A5E



A8A7AB



444347



C3C2C6



2E2D30



DFDEE2



19181C



FCFAFF



000000



747377



747377



6B6777



7D7F77



625B77



868B77



594F77



8F9777

■ 504377

■ 98A377

■ 473777

■ A1AE77

■ 3E2C77

■ AABA77

■ 362077

■ B2C677

■ 2D1477

■ BBD277

■ 240877

■ C4DE77

Harmonies

Analogous

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



727478



747377



767276

Triad

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



747377



777370



6F7573

Complementary

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



747377



767773

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.



717571



747377



75736F

Square

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



747377



787272



737470



6F7575

Rectangle

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



747377



777274



737470



707573

Sweetspot

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



747377



9A9A9C



737677



4E4E4F



CFCFCF



4F4F4F

Same Dimension

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



747377



97959C



767377



38383B



1F007A



3E00FA

Inverse Universe

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



777376



9C959A



747773



3B383A



7A005C



FA00BB

Previews

White Background



This preview shows how the Hex color 747377 looks on a white background.

Color Contrast Check

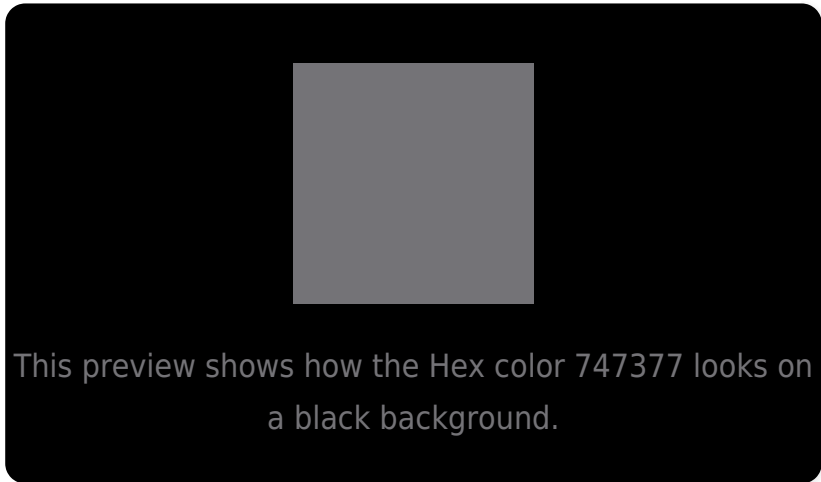
Large Text (above 18pt) WCAG AA ✓ Pass

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

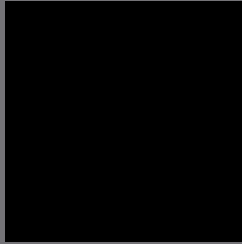
Any Text WCAG AA × Fail

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 747377 Background



This preview shows how black text looks on a background with the Hex color 747377.



This preview shows how white text looks on a background with the Hex color 747377.

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

747377

Protanopia

757377

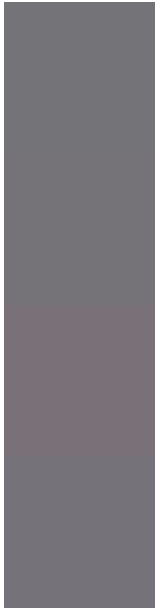
Deuteranopia

7D7078



Tritanopia
75727B

Trichromacy



Original Color

747377

Protanomaly

757377

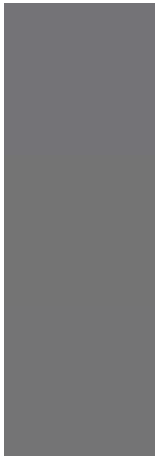
Deuteranomaly

7A7178

Tritanomaly

75727A

Monochromacy



Original Color

747377

Achromatopsia

747474

Achromatomaly

747475

CSS Examples

Text

The CSS property to change the color of the text to Hex 747377 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 #747377 looks like.

```
.text, #text, p{  
    color:#747377  
}
```

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 #747377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747377
}
```

Border

The CSS property to change the border of an element to Hex 747377 is called "border". The border property can be set on classes, ids or directly on the HTML element.

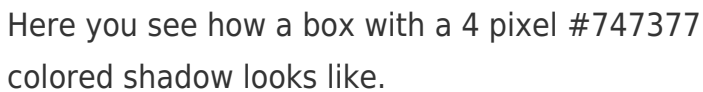
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#747377 }
```

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

```
.border{ border-color:#747377 }
```

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



Here you see how a box with a 4 pixel `#747377` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747377; -webkit-box-shadow:4px 4px  
4px 4px #747377; box-shadow:4px 4px 4px  
4px #747377 }
```

Background

The CSS property to change the background color of an element to Hex 747377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747377 }
```

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

```
.background{ background-color:#747377 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor