

Converting Colors

Hex(747437)

Have a look what the booklet for
Hex(747437) contains.

Hex(747437)	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(747437)

Conversions

Conversions Part 1

Format	Color
Hex	747437
RGB	116, 116, 55
RGB Percent	45%, 45%, 22%
CMY	0.5451, 0.5451, 0.7843
CMYK	0.00, 0.00, 0.53, 0.55
HSL	60°, 36%, 34%
HSV	60°, 53%, 45%
XYZ	14.1374, 16.4796, 6.0502
YIQ	109.0460, 19.5810, -18.9710

Conversions

Conversions Part 2

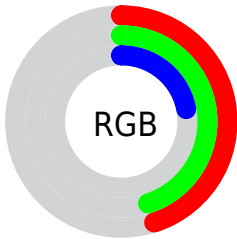
Format	Color
RYB	55, 116, 55
Decimal	7631927
CIELab	47.60, -9.21, 33.33
CIELCh	48, 34.580, 105.443
Yxy	16.4796, 0.3856, 0.4494
Android (android.graphics.Color)	4285822007 (0xFF747437)
YUV	109.0460, -26.6447, 6.0987
Hunter-Lab	40.5951, -8.8779, 19.5801

Details

The Hex color **747437** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **373774**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A9A868**, and **424407** is the 20% darker color. If you saturate the color by 10%, you get **74742B**, and if you desaturate by 10%, it is **747443**.

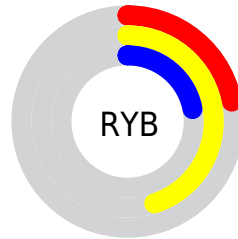
Distribution



Red (45%)

Green (45%)

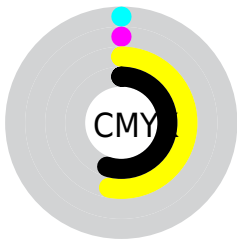
Blue (22%)



Red (22%)

Yellow (45%)

Blue (22%)

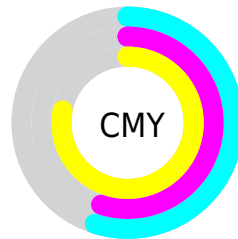


Cyan (0%)

Magenta (0%)

Yellow (53%)

Black (55%)



Cyan (55%)

Magenta (55%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747437 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 747437 by changing the saturation by 10% instead.



747437



747437

FFFFFF



5A5B20



A9A868



424407



C5C381



2B2E00



E2DF9C



111A00



FFFBB7



000000



FFFFD3



FFFFEF



747437



747437



74742B



747443

 747420

 74744E

 747414

 74745A

 747409

 747465

 747400

 747471

 74747D

 747488

 747494

 74749F

Harmonies

Analogous

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



8F6A38



747437



537B47

Triad

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



747437



007E9A



A05B80

Complementary

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



747437



373774

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.



87649A



747437



1778A9

Square

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



747437



00807F



5D6FA9



A85963

Rectangle

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



747437



387E58



5D6FA9



995D8A

Sweetspot

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



747437



96967E



743737



4D4D3E



CCCCCC



4D4D4D

Same Dimension

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



747437



969638



567437



3B3B35



7A7A00



FAFA00

Inverse Universe

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



373774



383896



563774



35353B



00007A



0000FA

Previews

White Background



This preview shows how the Hex color 747437 looks on a white background.

Color Contrast Check

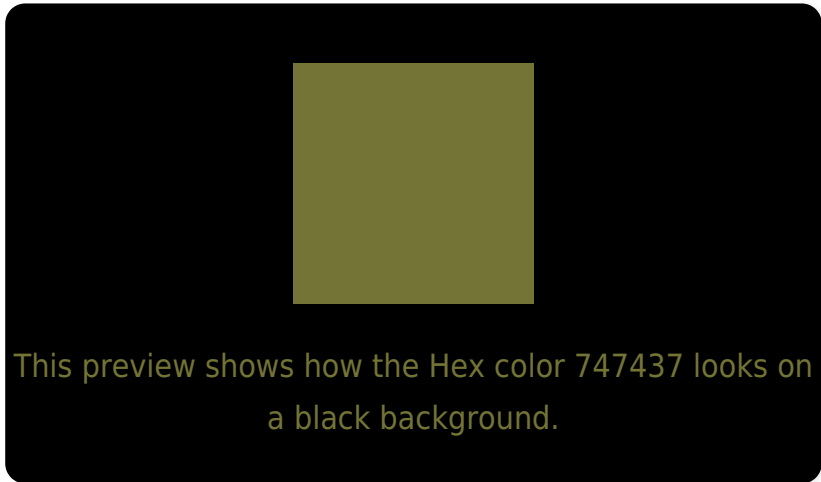
Large Text (above 18pt) WCAG AA ✓ Pass

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

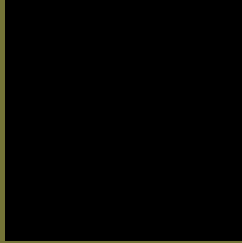
Any Text WCAG AA × Fail

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 747437 Background



This preview shows how black text looks on a background with the Hex color 747437.



This preview shows how white text looks on a background with the Hex color 747437.

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
747437

Protanopia
7D7136

Deuteranopia
8B6C39



Tritanopia
7A6D76

Trichromacy



Original Color
747437

Protanomaly
7A7236

Deuteranomaly
836F38

Tritanomaly
78705F

Monochromacy



Original Color
747437

Achromatopsia
6D6D6D

Achromatomaly
707059

CSS Examples

Text

The CSS property to change the color of the text to Hex 747437 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 #747437 looks like.

```
.text, #text, p{  
    color:#747437  
}
```

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 #747437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747437
}
```

Border

The CSS property to change the border of an element to Hex 747437 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
#747437 }
```

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

```
.border{ border-color:#747437 }
```

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

Here you see how a box with a 4 pixel #747437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747437; -webkit-box-shadow:4px 4px  
4px 4px #747437; box-shadow:4px 4px 4px  
4px #747437 }
```

Background

The CSS property to change the background color of an element to Hex 747437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747437 }
```

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

```
.background{ background-color:#747437 }
```

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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