

Converting Colors

Hex(747856)

Have a look what the booklet for
Hex(747856) contains.

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Color

Hex(747856)

Conversions

Conversions Part 1

Format	Color
Hex	747856
RGB	116, 120, 86
RGB Percent	45%, 47%, 34%
CMY	0.5451, 0.5294, 0.6627
CMYK	0.03, 0.00, 0.28, 0.53
HSL	67°, 17%, 40%
HSV	67°, 28%, 47%
XYZ	15.5986, 17.8178, 11.4211
YIQ	114.9280, 8.5300, -11.4220

Conversions

Conversions Part 2

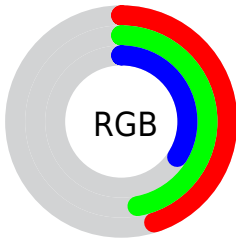
Format	Color
RYB	86, 120, 90
Decimal	7632982
CIELab	49.27, -7.61, 18.22
CIElCh	49, 19.744, 112.658
Yxy	17.8178, 0.3479, 0.3974
Android (android.graphics.Color)	4285823062 (0xFF747856)
YUV	114.9280, -14.2615, 0.9401
Hunter-Lab	42.2112, -7.9070, 13.5056

Details

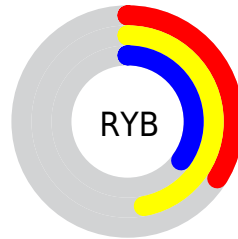
The Hex color **747856** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5A5678**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A8AC88**, and **434828** is the 20% darker color. If you saturate the color by 10%, you get **73784A**, and if you desaturate by 10%, it is **757862**.

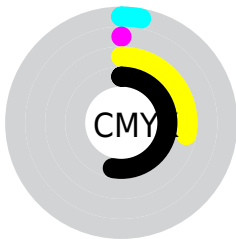
Distribution



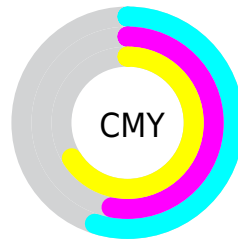
- Red (45%)
- Green (47%)
- Blue (34%)



- Red (34%)
- Yellow (47%)
- Blue (35%)



- Cyan (3%)
- Magenta (0%)
- Yellow (28%)
- Black (53%)



- Cyan (55%)
- Magenta (53%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747856 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 747856 by changing the saturation by 10% instead.



747856



747856

FFFFFF



5B5F3F



A8AC88



434828



C4C8A2



2D3113



E0E4BD



191C00



FDFFD9



000000



FFFFFF6



747856



747856



73784A



757862



71783E



77786E

 707832

 78787A

 6E7826

 7A7886

 6D781A

 7B7892

 6C780E


 7C789E

 6A7802

 7E78AA

 6A7800

 7F78B6

 8178C2

Harmonies

Analogous

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



857354



747856



617C60

Triad

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



747856



487C8F



94697A

Complementary

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



747856



5A5678

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.



876D8A



747856



5B7896

Square

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



747856



447E81



727294



976969

Rectangle

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



747856



547E6B



727294



906A80

Sweetspot

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



747856



9A9C8E



785A56



4E4F46



CFCFCF



4F4F4F

Same Dimension

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



747856



959C67



637856



3C3D37



6E7D00



DFFC00

Inverse Universe

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



5A5678



6D679C



6B5678



38373D



0F007D



1E00FC

Previews

White Background



This preview shows how the Hex color 747856 looks on a white background.

Color Contrast Check

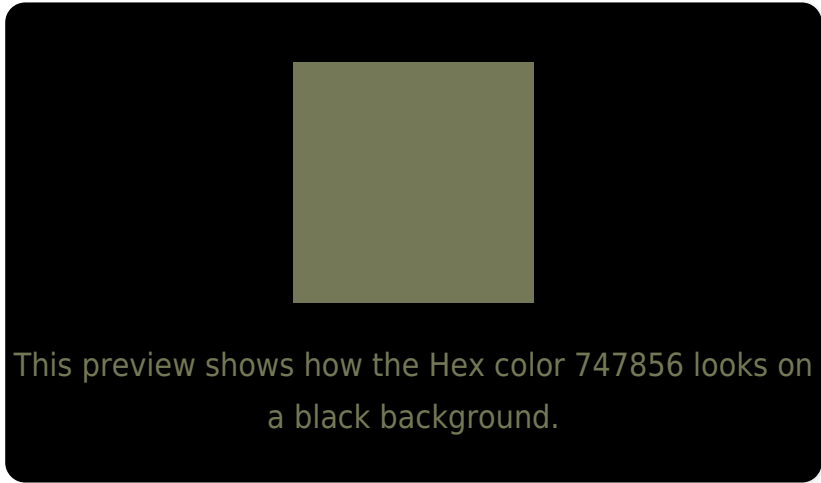
Large Text (above 18pt) WCAG AA ✓ Pass

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

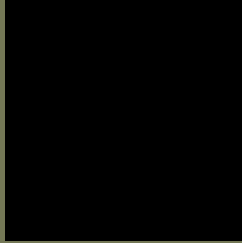
Any Text WCAG AA ✓ Pass

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 747856 Background



This preview shows how black text looks on a background with the Hex color 747856.



This preview shows how white text looks on a background with the Hex color 747856.

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
747856

Protanopia
7E7555

Deuteranopia
8A7058



Tritanopia
79737C

Trichromacy



Original Color
747856

Protanomaly
7A7655

Deuteranomaly
827357

Tritanomaly
77756E

Monochromacy



Original Color
747856

Achromatopsia
737373

Achromatomaly
737568

CSS Examples

Text

The CSS property to change the color of the text to Hex 747856 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 #747856 looks like.

```
.text, #text, p{  
    color:#747856  
}
```

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 #747856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747856
}
```

Border

The CSS property to change the border of an element to Hex 747856 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
#747856 }
```

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

```
.border{ border-color:#747856 }
```

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

Here you see how a box with a 4 pixel #747856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747856; -webkit-box-shadow:4px 4px  
4px 4px #747856; box-shadow:4px 4px 4px  
4px #747856 }
```

Background

The CSS property to change the background color of an element to Hex 747856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747856 }
```

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

```
.background{ background-color:#747856 }
```

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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