

Converting Colors

Hex(747D39)

Have a look what the booklet for
Hex(747D39) contains.

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Color

Hex(747D39)

Conversions

Conversions Part 1

Format	Color
Hex	747D39
RGB	116, 125, 57
RGB Percent	45%, 49%, 22%
CMY	0.5451, 0.5098, 0.7765
CMYK	0.07, 0.00, 0.54, 0.51
HSL	68°, 37%, 36%
HSV	68°, 54%, 49%
XYZ	15.2746, 18.6756, 6.6706
YIQ	114.5570, 16.4640, -23.0560

Conversions

Conversions Part 2

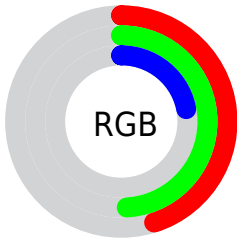
Format	Color
RYB	57, 125, 66
Decimal	7634233
CIELab	50.31, -13.96, 35.48
CIELCh	50, 38.124, 111.479
Yxy	18.6756, 0.3760, 0.4598
Android (android.graphics.Color)	4285824313 (0xFF747D39)
YUV	114.5570, -28.3756, 1.2655
Hunter-Lab	43.2153, -12.5354, 21.0989

Details

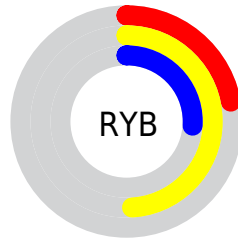
The Hex color **747D39** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **42397D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A9B26A**, and **424C08** is the 20% darker color. If you saturate the color by 10%, you get **727D2D**, and if you desaturate by 10%, it is **767D46**.

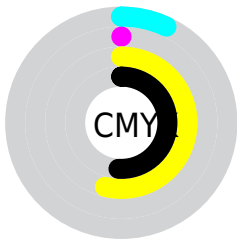
Distribution



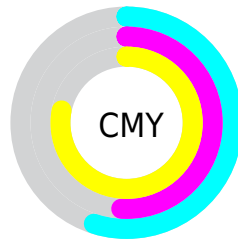
- Red (45%)
- Green (49%)
- Blue (22%)



- Red (22%)
- Yellow (49%)
- Blue (26%)



- Cyan (7%)
- Magenta (0%)
- Yellow (54%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747D39 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 747D39 by changing the saturation by 10% instead.

 747D39

 747D39

FFFFFF

 5A6421

 A9B26A

 424C08

 C5CD84

 2B3500

 E2E99F

 122000

 FFFFBA

 000200

 FFFFD6

 000000


 FFFFF2

 747D39

 747D39

 727D2D

 767D46

 717D20

 777D52

 6F7D14

 797D5F

 6D7D07

 7B7D6B

 6C7D00

 7C7D78

 7E7D84

 807D91

 817D9D

 837DAA

Harmonies

Analogous

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



937336



747D39



4E844E

Triad

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



747D39



0085AA



AF5D82

Complementary

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



747D39



42397D

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.



9766A0



747D39



227EB8

Square

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



747D39



00888E



6C73B4



B55E62

Rectangle

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



747D39



2B8762



6C73B4



A9608D

Sweetspot

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



747D39



A0A389



7D4139



505242



D1D1D1



525252

Same Dimension

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



747D39



95A339



537D39



3F4039



6F8000



000000

Inverse Universe

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



42397D



4739A3



63397D



3A3940



110080



000000

Previews

White Background



This preview shows how the Hex color 747D39 looks on a white background.

Color Contrast Check

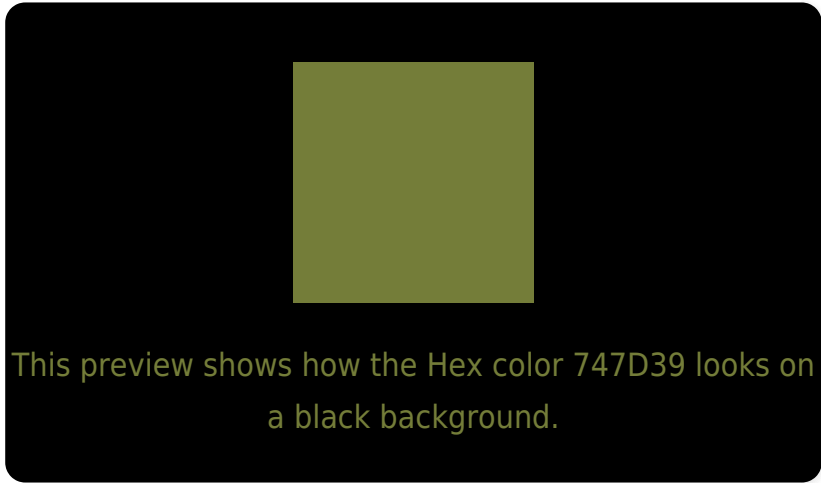
Large Text (above 18pt) WCAG AA ✓ Pass

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

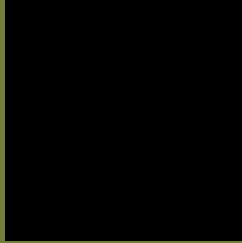
Any Text WCAG AA ✓ Pass

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 747D39 Background



This preview shows how black text looks on a background with the Hex color 747D39.



This preview shows how white text looks on a background with the Hex color 747D39.

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
747D39

Protanopia
857837

Deuteranopia
93723C



Tritanopia
7C767F

Trichromacy



Original Color
747D39

Protanomaly
7F7A38

Deuteranomaly
88763B

Tritanomaly
797966

Monochromacy



Original Color
747D39

Achromatopsia
737373

Achromatomaly
73775E

CSS Examples

Text

The CSS property to change the color of the text to Hex 747D39 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 #747D39 looks like.

```
.text, #text, p{  
    color:#747D39  
}
```

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 #747D39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747D39
}
```

Border

The CSS property to change the border of an element to Hex 747D39 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
#747D39 }
```

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

```
.border{ border-color:#747D39 }
```

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

Here you see how a box with a 4 pixel #747D39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747D39; -webkit-box-shadow:4px 4px  
4px 4px #747D39; box-shadow:4px 4px 4px  
4px #747D39 }
```

Background

The CSS property to change the background color of an element to Hex 747D39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747D39 }
```

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

```
.background{ background-color:#747D39 }
```

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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