

Converting Colors

Hex(746A68)

Have a look what the booklet for
Hex(746A68) contains.

Hex(746A68)	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(746A68)

Conversions

Conversions Part 1

Format	Color
Hex	746A68
RGB	116, 106, 104
RGB Percent	45%, 42%, 41%
CMY	0.5451, 0.5843, 0.5922
CMYK	0.00, 0.09, 0.10, 0.55
HSL	10°, 5%, 43%
HSV	10°, 10%, 45%
XYZ	14.8552, 15.0205, 15.2130
YIQ	108.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

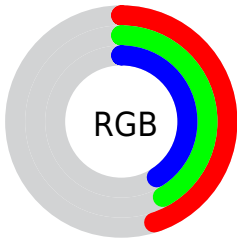
Format	Color
R_{YB}	116, 106, 104
Decimal	7629416
CIE _{Lab}	45.66, 3.54, 2.53
CIE _{LCh}	46, 4.356, 35.572
Yxy	15.0205, 0.3295, 0.3331
Android (android.graphics.Color)	4285819496 (0xFF746A68)
YUV	108.7620, -2.3477, 6.3477
Hunter-Lab	38.7564, 0.5949, 3.8564

Details

The Hex color **746A68** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **687274**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A89D9B**, and **443B39** is the 20% darker color. If you saturate the color by 10%, you get **74605C**, and if you desaturate by 10%, it is **747474**.

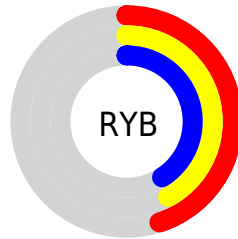
Distribution



Red (45%)

Green (42%)

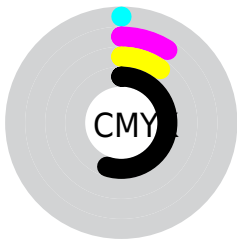
Blue (41%)



Red (45%)

Yellow (42%)

Blue (41%)

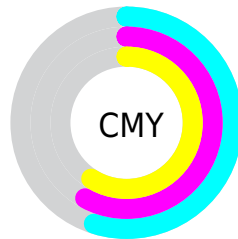


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (55%)



Cyan (55%)

Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 746A68 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 746A68 by changing the saturation by 10% instead.



746A68



746A68

FFFFFF



5B5250



A89D9B



443B39



C3B8B6



2E2524



DFD4D1



19100E



FCF0EE



000000



746A68



746A68



74605C



747474



745751



747D7F



744D45



74878B

■ 74433A

■ 749196

■ 743A2E

■ 749AA2

■ 743022

■ 74A4AE

■ 742617

■ 74AEB9

■ 741D0B

■ 74B7C5

■ 741300

■ 74C1D0

Harmonies

Analogous

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



746A6C



746A68



726B66

Triad

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



746A68



666E69



696C73

Complementary

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



746A68



687274

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.



656D73



746A68



646E6D

Square

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



746A68



6A6D66



636E70



6E6B72

Rectangle

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



746A68



706C65



636E70



686D73

Sweetspot

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



746A68



969392



746872



4D4A49



CCCCCC



4D4D4D

Same Dimension

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



746A68



968784



747068



3B3635



7A1400



FA2A00

Inverse Universe

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



687274



849396



686C74



353A3B



00667A



00D0FA

Previews

White Background



This preview shows how the Hex color 746A68 looks on a white background.

Color Contrast Check

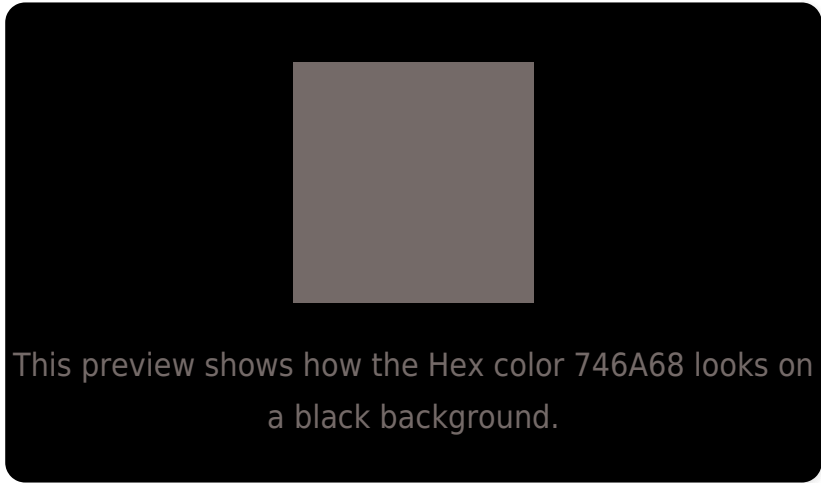
Large Text (above 18pt) WCAG AA ✓ Pass

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

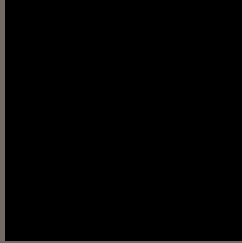
Any Text WCAG AA × Fail

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 746A68 Background



This preview shows how black text looks on a background with the Hex color 746A68.



This preview shows how white text looks on a background with the Hex color 746A68.

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


746A68

Protanopia

6F6C69

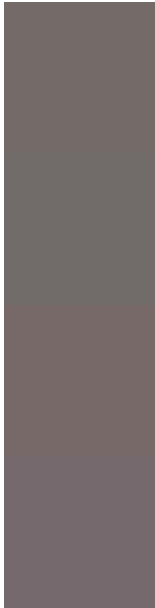
Deuteranopia

786968



Tritanopia
756971

Trichromacy



Original Color

746A68

Protanomaly

716B69

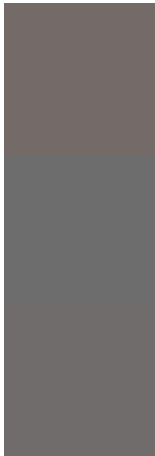
Deuteranomaly

776968

Tritanomaly

75696E

Monochromacy



Original Color

746A68

Achromatopsia

6D6D6D

Achromatomaly

706C6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 746A68 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 #746A68 looks like.

```
.text, #text, p{  
    color:#746A68  
}
```

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 #746A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #746A68
}
```

Border

The CSS property to change the border of an element to Hex 746A68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

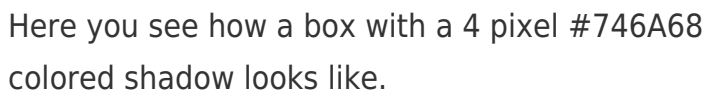
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#746A68 }
```

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

```
.border{ border-color:#746A68 }
```

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



Here you see how a box with a 4 pixel #746A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #746A68; -webkit-box-shadow:4px 4px  
4px 4px #746A68; box-shadow:4px 4px 4px  
4px #746A68 }
```

Background

The CSS property to change the background color of an element to Hex 746A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#746A68 }
```

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

```
.background{ background-color:#746A68 }
```

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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