

Converting Colors

Hex(745C6A)

Have a look what the booklet for
Hex(745C6A) contains.

Hex(745C6A)	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(745C6A)

Conversions

Conversions Part 1

Format	Color
Hex	745C6A
RGB	116, 92, 106
RGB Percent	45%, 36%, 42%
CMY	0.5451, 0.6392, 0.5843
CMYK	0.00, 0.21, 0.09, 0.55
HSL	325°, 12%, 41%
HSV	325°, 21%, 45%
XYZ	13.6311, 12.4079, 15.3122
YIQ	100.7720, 9.8100, 9.4420

Conversions

Conversions Part 2

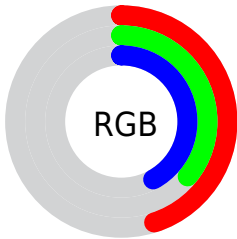
Format	Color
R_{YB}	116, 92, 106
Decimal	7625834
CIE _{Lab}	41.86, 12.33, -4.25
CIE _{LCh}	42, 13.046, 340.981
Yxy	12.4079, 0.3296, 0.3001
Android (android.graphics.Color)	4285815914 (0xFF745C6A)
YUV	100.7720, 2.5774, 13.3550
Hunter-Lab	35.2249, 7.4315, -1.1159




Details

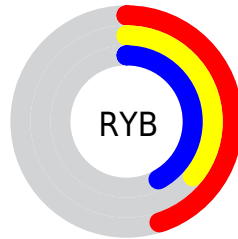
The Hex color **745C6A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C7466**, and the grayscale version is **656565**.




A 20% lighter version of the original color is **A88E9D**, and **442E3B** is the 20% darker color. If you saturate the color by 10%, you get **745065**, and if you desaturate by 10%, it is **74686F**.

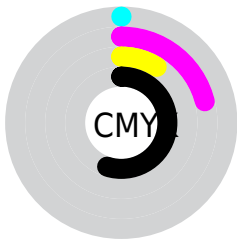
Distribution







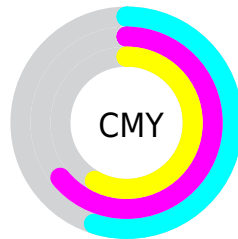
-  Red (45%)
-  Green (36%)
-  Blue (42%)






-  Red (45%)
-  Yellow (36%)
-  Blue (42%)



-  Cyan (0%)
-  Magenta (21%)
-  Yellow (9%)
-  Black (55%)



-  Cyan (55%)
-  Magenta (64%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 745C6A 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 745C6A by changing the saturation by 10% instead.

 745C6A

 745C6A

FFFFFF

 5B4452

 A88E9D

 442E3B

 C4A9B8

 2D1925

 E0C4D4

 1A0010

 FCE0F0

 000000

 FFFDFD

 745C6A

 745C6A

 745065

 74686F

 744560

 747374

74395B

747F79

742E57

748A7D

742252

749682

74164D

74A287

740B48

74AD8C

740044

74B991

74C496

Harmonies

Analogous

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



6A5F73



745C6A



795B5F

Triad

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



745C6A



67634E



466870

Complementary

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



745C6A



5C7466

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.



476966



745C6A



5B6652

Square

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



745C6A



71604F



4F685B



4E6677

Rectangle

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



745C6A



795C58



4F685B



46696D

Sweetspot

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



745C6A



968D93



665C74



4D474A



CCCCCC



4D4D4D

Same Dimension

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



745C6A



967187



745C5E



3B3538



7A0047



FA0092

Inverse Universe

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



745C6A



967187



5C7472



3B3538



7A0047



FA0092

Previews

White Background



This preview shows how the Hex color 745C6A looks on a white background.

Color Contrast Check

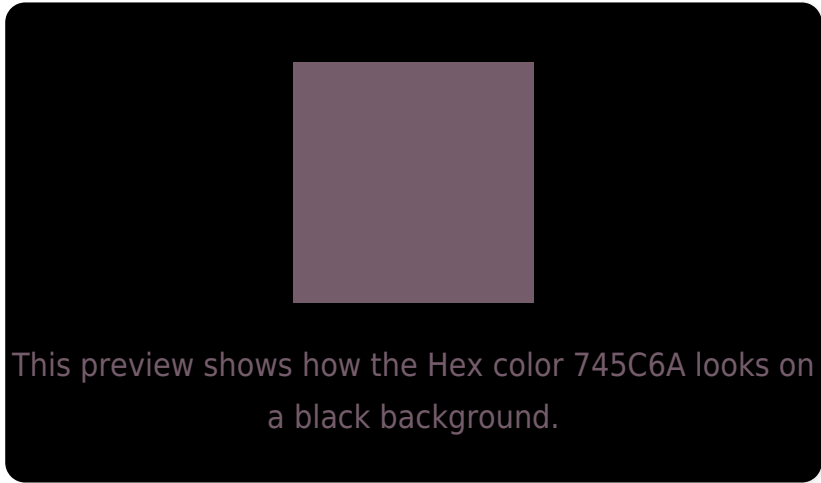
Large Text (above 18pt) WCAG AA ✓ Pass

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

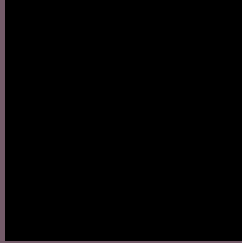
Any Text WCAG AA × Fail

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 745C6A Background



This preview shows how black text looks on a background with the Hex color 745C6A.



This preview shows how white text looks on a background with the Hex color 745C6A.

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


745C6A

Protanopia

61626E

Deuteranopia

6A6069



Tritanopia
735D64

Trichromacy



Original Color
745C6A

Protanomaly
68606D

Deuteranomaly
6E5F69

Tritanomaly
735D66

Monochromacy



Original Color
745C6A

Achromatopsia
656565

Achromatomaly
6A6267

CSS Examples

Text

The CSS property to change the color of the text to Hex 745C6A 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 #745C6A looks like.

```
.text, #text, p{  
    color:#745C6A  
}
```

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 #745C6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745C6A
}
```

Border

The CSS property to change the border of an element to Hex 745C6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

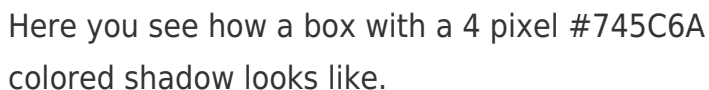
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#745C6A }
```

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

```
.border{ border-color:#745C6A }
```

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



Here you see how a box with a 4 pixel `#745C6A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745C6A; -webkit-box-shadow:4px 4px  
4px 4px #745C6A; box-shadow:4px 4px 4px  
4px #745C6A }
```

Background

The CSS property to change the background color of an element to Hex 745C6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745C6A }
```

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

```
.background{ background-color:#745C6A }
```

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