

Converting Colors

Hex(743668)

Have a look what the booklet for
Hex(743668) contains.

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Color

Hex(743668)

Conversions

Conversions Part 1

Format	Color
Hex	743668
RGB	116, 54, 104
RGB Percent	45%, 21%, 41%
CMY	0.5451, 0.7882, 0.5922
CMYK	0.00, 0.53, 0.10, 0.55
HSL	312°, 36%, 33%
HSV	312°, 53%, 45%
XYZ	11.0203, 7.3508, 13.9347
YIQ	78.2380, 20.9020, 28.6940

Conversions

Conversions Part 2

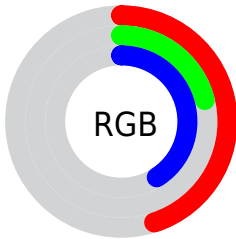
Format	Color
R_{YB}	116, 54, 104
Decimal	7616104
CIE _{Lab}	32.59, 34.36, -17.01
CIE _{LCh}	33, 38.340, 333.666
Yxy	7.3508, 0.3411, 0.2275
Android (android.graphics.Color)	4285806184 (0xFF743668)
YUV	78.2380, 12.7007, 33.1173
Hunter-Lab	27.1124, 25.1079, -11.4941

Details

The Hex color **743668** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **367442**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **AA679B**, and **410339** is the 20% darker color. If you saturate the color by 10%, you get **742A66**, and if you desaturate by 10%, it is **74426A**.

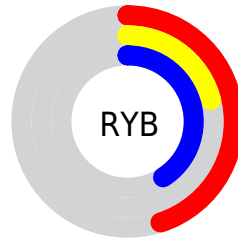
Distribution



Red (45%)

Green (21%)

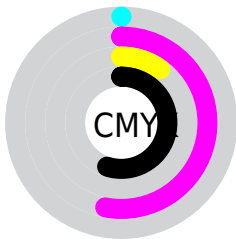
Blue (41%)



Red (45%)

Yellow (21%)

Blue (41%)

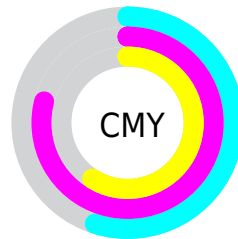


Cyan (0%)

Magenta (53%)

Yellow (10%)

Black (55%)



Cyan (55%)

Magenta (79%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 743668 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 743668 by changing the saturation by 10% instead.

 743668

 743668

FFFFFF

 5A1E50

 AA679B

 410339

 C581B6

 2B0023

 E29CD2

 01000A

 FFB7EE

 000000

 FFD3FF

 FFF0FF

 743668

 743668

 742A66

 74426A

741F64

744D6C

741361

74596F

74085F

746471

74005E

747073

747C75

748778

74937A

749E7C

Harmonies

Analogous

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



52437F



743668



822F4A

Triad

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



743668



594C08



005A6D

Complementary

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



743668



367442

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.



005B50



743668



3A5416

Square

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



743668



714115



005930



005783

Rectangle

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



743668



833236



005930



005B64

Sweetspot

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



743668



967E92



413674



4D3E4A



CCCCCC



4D4D4D

Same Dimension

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



743668



963684



74364A



3B353A



7A0063



FA00CA

Inverse Universe

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



743668



963684



367460



3B353A



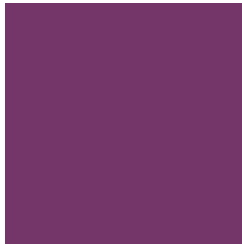
7A0063



FA00CA

Previews

White Background



This preview shows how the Hex color 743668 looks on a white background.

Color Contrast Check

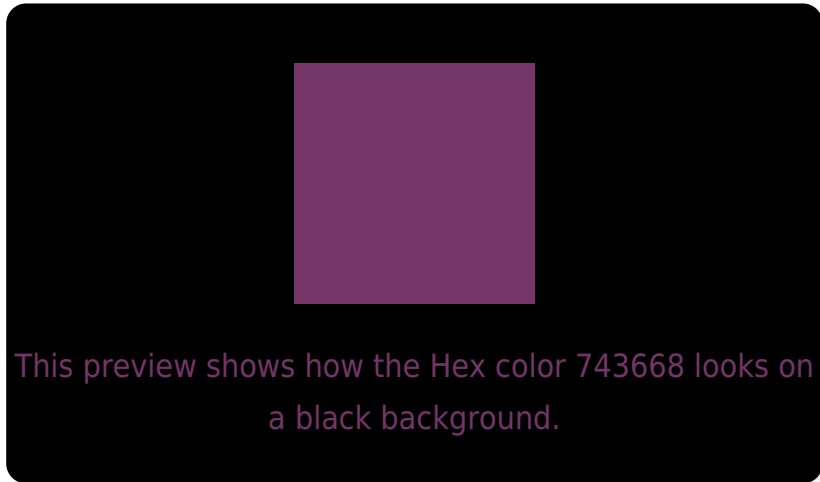
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

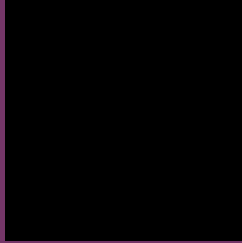
Any Text WCAG AA × Fail

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 743668 Background



This preview shows how black text looks on a background with the Hex color 743668.




This preview shows how white text looks on a background with the Hex color 743668.

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





Tritanopia
703F43

Trichromacy



Original Color

743668

Protanomaly

504473

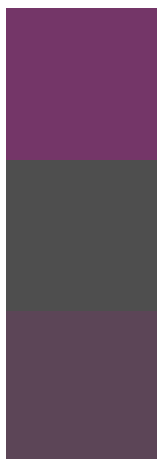
Deuteranomaly

594465

Tritanomaly

713C50

Monochromacy



Original Color

743668

Achromatopsia

4E4E4E

Achromatomaly

5C4557

CSS Examples

Text

The CSS property to change the color of the text to Hex 743668 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 #743668 looks like.

```
.text, #text, p{  
    color:#743668  
}
```

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 #743668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #743668
}
```

Border

The CSS property to change the border of an element to Hex 743668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

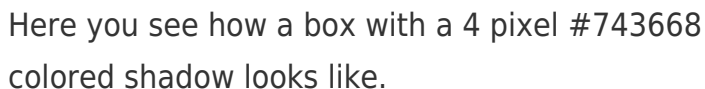
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#743668 }
```

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

```
.border{ border-color:#743668 }
```

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



Here you see how a box with a 4 pixel #743668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #743668; -webkit-box-shadow:4px 4px  
4px 4px #743668; box-shadow:4px 4px 4px  
4px #743668 }
```

Background

The CSS property to change the background color of an element to Hex 743668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#743668 }
```

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

```
.background{ background-color:#743668 }
```

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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