

Converting Colors

Hex(743876)

Have a look what the booklet for
Hex(743876) contains.

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Color

Hex(743876)

Conversions

Conversions Part 1

Format	Color
Hex	743876
RGB	116, 56, 118
RGB Percent	45%, 22%, 46%
CMY	0.5451, 0.7804, 0.5373
CMYK	0.02, 0.53, 0.00, 0.54
HSL	298°, 36%, 34%
HSV	298°, 53%, 46%
XYZ	11.8866, 7.8494, 18.0281
YIQ	81.0080, 15.8580, 32.0020

Conversions

Conversions Part 2

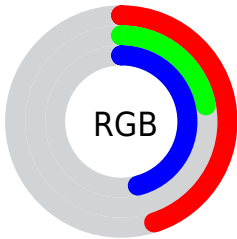
Format	Color
R_{YB}	116, 56, 118
Decimal	7616630
CIE _{Lab}	33.67, 35.96, -24.19
CIE _{LCh}	34, 43.337, 326.070
Yxy	7.8494, 0.3148, 0.2079
Android (android.graphics.Color)	4285806710 (0xFF743876)
YUV	81.0080, 18.2371, 30.6880
Hunter-Lab	28.0167, 26.7030, -18.5401

Details

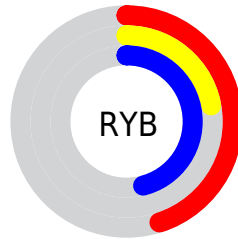
The Hex color **743876** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A7638**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AA6AAA**, and **410545** is the 20% darker color. If you saturate the color by 10%, you get **742C76**, and if you desaturate by 10%, it is **744476**.

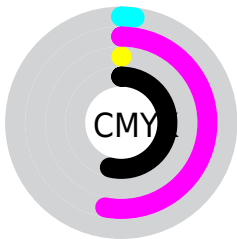
Distribution



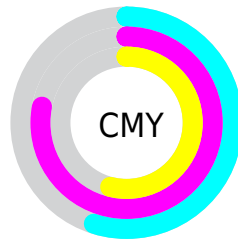
- Red (45%)
- Green (22%)
- Blue (46%)



- Red (45%)
- Yellow (22%)
- Blue (46%)



- Cyan (2%)
- Magenta (53%)
- Yellow (0%)
- Black (54%)



- Cyan (55%)
- Magenta (78%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 743876 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 743876 by changing the saturation by 10% instead.

743876

743876

FFFFFF

5A205D

AA6AAA

410545

C584C6

2B002F

E29EE2

070019

FFBAFF

000000

FFD6FF

FFF2FF

743876

743876

742C76

744476

 732076

 755076

 731576

 755B76

 720976

 766776

 720076

 767376

 767F76

 778B76

 779676

 77A276

Harmonies

Analogous

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



46488D



743876



892C55

Triad

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



743876



644C00



005F6C

Complementary

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



743876



3A7638

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.



005F49



743876



425606

Square

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



743876



7D3E15



095C26



005C88

Rectangle

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



743876



8D2D3E



095C26



005F61

Sweetspot

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



743876



988199



383A76



4C3E4D



CCCCCC



4D4D4D

Same Dimension

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



743876



963999



763859



3A353B



76007A



F200FA

Inverse Universe

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



76383A



99393C



387655



3B3535



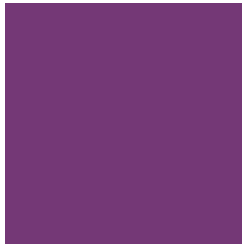
7A0004



FA0008

Previews

White Background



This preview shows how the Hex color 743876 looks on a white background.

Color Contrast Check

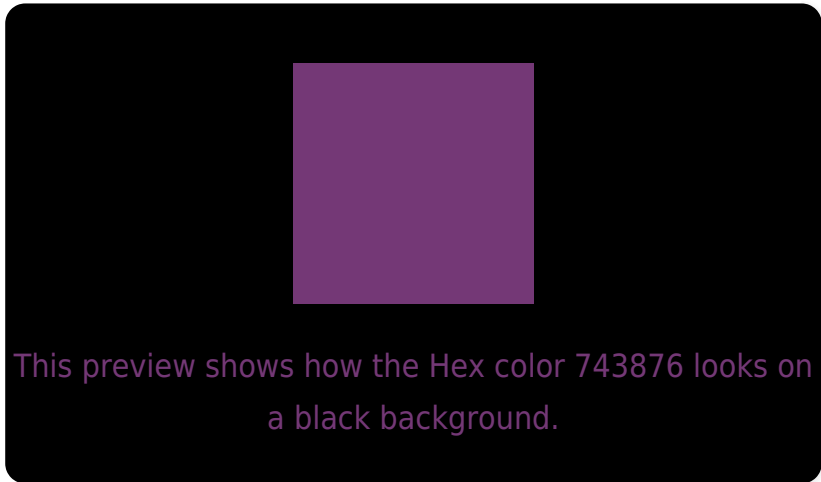
Large Text (above 18pt) WCAG AA ✓ Pass

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

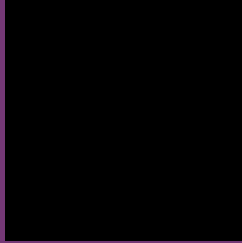
Any Text WCAG AA × Fail

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 743876 Background



This preview shows how black text looks on a background with the Hex color 743876.




This preview shows how white text looks on a background with the Hex color 743876.

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
6E4348

Trichromacy



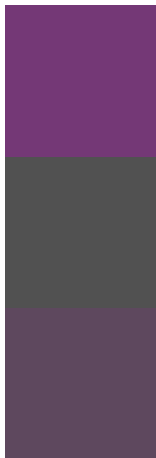
Original Color
743876

Protanomaly
4D4682

Deuteranomaly
554773

Tritanomaly
703F59

Monochromacy



Original Color
743876

Achromatopsia
515151

Achromatomaly
5E485E

CSS Examples

Text

The CSS property to change the color of the text to Hex 743876 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 #743876 looks like.

```
.text, #text, p{  
    color:#743876  
}
```

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 #743876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #743876
}
```

Border

The CSS property to change the border of an element to Hex 743876 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
#743876 }
```

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

```
.border{ border-color:#743876 }
```

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

Here you see how a box with a 4 pixel #743876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #743876; -webkit-box-shadow:4px 4px  
4px 4px #743876; box-shadow:4px 4px 4px  
4px #743876 }
```

Background

The CSS property to change the background color of an element to Hex 743876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#743876 }
```

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

```
.background{ background-color:#743876 }
```

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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