

Converting Colors

Hex(734677)

Have a look what the booklet for
Hex(734677) contains.

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Color

Hex(734677)

Conversions

Conversions Part 1

Format	Color
Hex	734677
RGB	115, 70, 119
RGB Percent	45%, 27%, 47%
CMY	0.5490, 0.7255, 0.5333
CMYK	0.03, 0.41, 0.00, 0.53
HSL	295°, 26%, 37%
HSV	295°, 41%, 47%
XYZ	12.5902, 9.3571, 18.5953
YIQ	89.0410, 11.0910, 24.7790

Conversions

Conversions Part 2

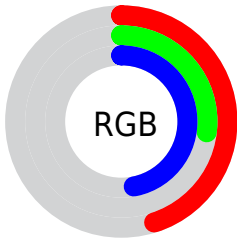
Format	Color
R_{YB}	115, 70, 119
Decimal	7554679
CIE _{Lab}	36.66, 27.88, -20.16
CIE _{LCh}	37, 34.411, 324.127
Yxy	9.3571, 0.3105, 0.2308
Android (android.graphics.Color)	4285744759 (0xFF734677)
YUV	89.0410, 14.7698, 22.7660
Hunter-Lab	30.5893, 19.9370, -14.6299

Details

The Hex color **734677** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A7746**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A877AB**, and **411846** is the 20% darker color. If you saturate the color by 10%, you get **723A77**, and if you desaturate by 10%, it is **745277**.

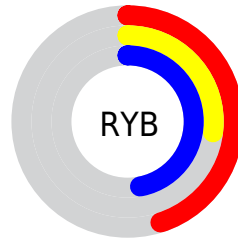
Distribution



Red (45%)

Green (27%)

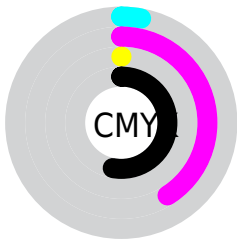
Blue (47%)



Red (45%)

Yellow (27%)

Blue (47%)

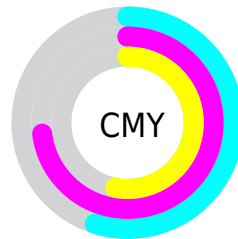


Cyan (3%)

Magenta (41%)

Yellow (0%)

Black (53%)



Cyan (55%)

Magenta (73%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 734677 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 734677 by changing the saturation by 10% instead.

 734677

 734677

FFFFFF

 5A2F5E

 A877AB

 411846

 C392C7

 2A0130

 E0ACE3

 11001B

 FDC8FF

 000000


 FFE4FF

 734677

 734677

 723A77

 745277

 712E77

 755E77

 702277

 766A77

 6F1677

 777677

 6E0B77

 788277

 6D0077

 798D77

 7A9977

 7BA577

 7CB177

Harmonies

Analogous

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



4F5189



734677



863E5D

Triad

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



734677



6B531D



00646C

Complementary

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



734677



4A7746

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.



006450



734677



505B21

Square

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



734677



7F482A



2D6134



006183

Rectangle

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



734677



8A3E4A



2D6134



006463

Sweetspot

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



734677



9A899C



464A77



4E444F



CFCFCF



4F4F4F

Same Dimension

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



734677



954F9C



774663



3A353B



70007A



E500FA

Inverse Universe

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



77464A



9C4F56



46775A



3B3535



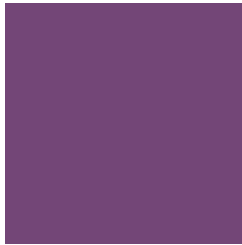
7A000A



FA0014

Previews

White Background



This preview shows how the Hex color 734677 looks on a white background.

Color Contrast Check

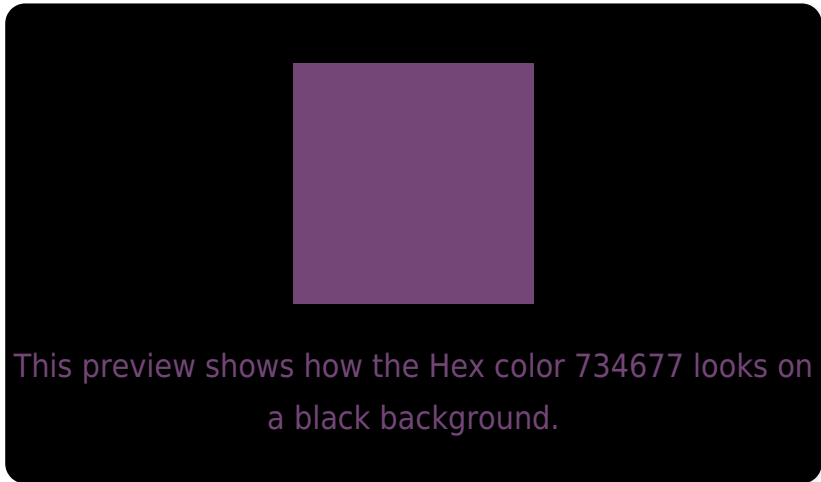
Large Text (above 18pt) WCAG AA ✓ Pass

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

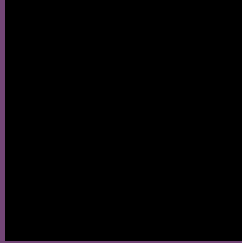
Any Text WCAG AA × Fail

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 734677 Background



This preview shows how black text looks on a background with the Hex color 734677.



This preview shows how white text looks on a background with the Hex color 734677.

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
6E4E54

Trichromacy



Original Color
734677

Protanomaly
57507F

Deuteranomaly
5C5075

Tritanomaly
704B61

Monochromacy



Original Color
734677

Achromatopsia
595959

Achromatomaly
625264

CSS Examples

Text

The CSS property to change the color of the text to Hex 734677 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 #734677 looks like.

```
.text, #text, p{  
    color:#734677  
}
```

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 #734677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734677  
}
```

Border

The CSS property to change the border of an element to Hex 734677 is called "border". The border property can be set on classes, ids or directly on the HTML element.

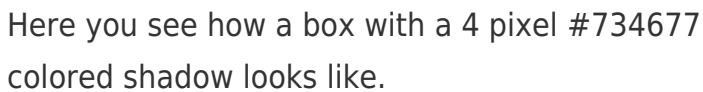
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#734677 }
```

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

```
.border{ border-color:#734677 }
```

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



Here you see how a box with a 4 pixel #734677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734677; -webkit-box-shadow:4px 4px  
4px 4px #734677; box-shadow:4px 4px 4px  
4px #734677 }
```

Background

The CSS property to change the background color of an element to Hex 734677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734677 }
```

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

```
.background{ background-color:#734677 }
```

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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