

Converting Colors

Hex(734475)

Have a look what the booklet for
Hex(734475) contains.

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Color

Hex(734475)

Conversions

Conversions Part 1

Format	Color
Hex	734475
RGB	115, 68, 117
RGB Percent	45%, 27%, 46%
CMY	0.5490, 0.7333, 0.5412
CMYK	0.02, 0.42, 0.00, 0.54
HSL	298°, 26%, 36%
HSV	298°, 42%, 46%
XYZ	12.3482, 9.0634, 17.9282
YIQ	87.6390, 12.2830, 25.2030

Conversions

Conversions Part 2

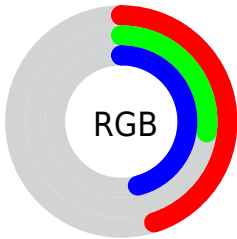
Format	Color
R_{YB}	115, 68, 117
Decimal	7554165
CIE _{Lab}	36.11, 28.64, -19.78
CIE _{LCh}	36, 34.808, 325.368
Yxy	9.0634, 0.3139, 0.2304
Android (android.graphics.Color)	4285744245 (0xFF734475)
YUV	87.6390, 14.4750, 23.9956
Hunter-Lab	30.1055, 20.5298, -14.2340

Details

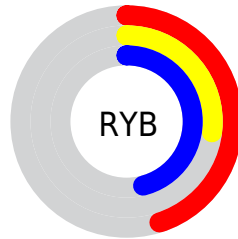
The Hex color **734475** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **467544**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A875A9**, and **411645** is the 20% darker color. If you saturate the color by 10%, you get **733875**, and if you desaturate by 10%, it is **735075**.

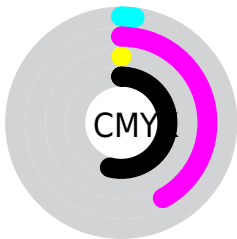
Distribution



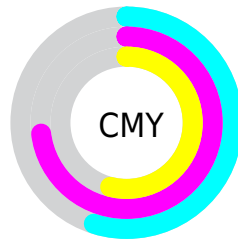
- Red (45%)
- Green (27%)
- Blue (46%)



- Red (45%)
- Yellow (27%)
- Blue (46%)



- Cyan (2%)
- Magenta (42%)
- Yellow (0%)
- Black (54%)



- Cyan (55%)
- Magenta (73%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 734475 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 734475 by changing the saturation by 10% instead.

 734475

 734475

FFFFFF

 5A2D5C

 A875A9

 411645

 C48FC5

 2A002E

 E0AAE1

 0F0019

 FDC6FD

 000000

 FFE2FF

 734475

 734475

 733875


 735075

 722D75

 745B75

 722175

 746775

 711575

 757375

 710A75

 757F75

 700075

 768A75

 769675

 77A275

 77AD75

Harmonies

Analogous

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



4F4F87



734475



853D5A

Triad

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



734475



68521A



00626C

Complementary

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



734475



467544

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.



006250



734475



4D5A1F

Square

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



734475



7D4727



2A6034



006082

Rectangle

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



734475



893D48



2A6034



006363

Sweetspot

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



734475



988599



444675



4C404D



CCCCCC



4D4D4D

Same Dimension

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



734475



964D99



75445F



3A353B



75007A



F000FA

Inverse Universe

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



754446



994D50



44755A



3B3535



7A0005



FA000A

Previews

White Background



This preview shows how the Hex color 734475 looks on a white background.

Color Contrast Check

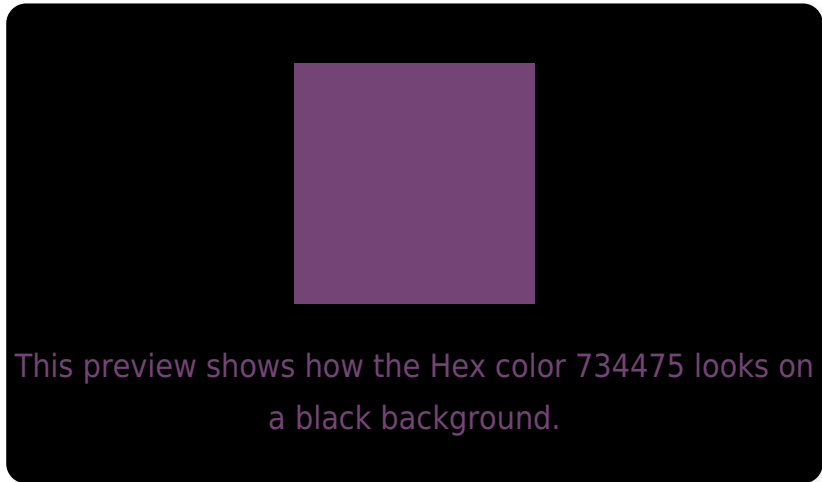
Large Text (above 18pt) WCAG AA ✓ Pass

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

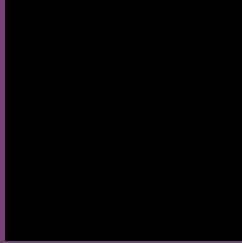
Any Text WCAG AA × Fail

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 734475 Background



This preview shows how black text looks on a background with the Hex color 734475.

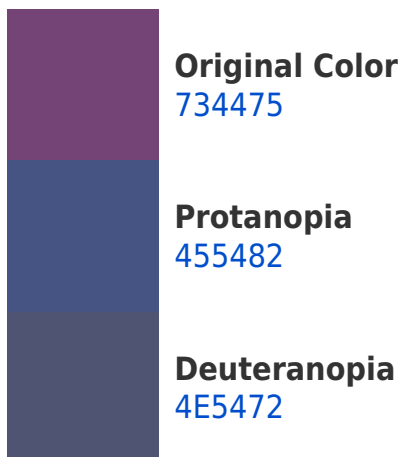


This preview shows how white text looks on a background with the Hex color 734475.

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
6E4C52

Trichromacy



Original Color
734475

Protanomaly
564E7D

Deuteranomaly
5B4E73

Tritanomaly
70495F

Monochromacy



Original Color
734475

Achromatopsia
585858

Achromatomaly
625163

CSS Examples

Text

The CSS property to change the color of the text to Hex 734475 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 #734475 looks like.

```
.text, #text, p{  
    color:#734475  
}
```

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 #734475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734475
}
```

Border

The CSS property to change the border of an element to Hex 734475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

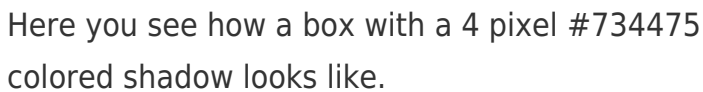
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#734475 }
```

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

```
.border{ border-color:#734475 }
```

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



Here you see how a box with a 4 pixel #734475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734475; -webkit-box-shadow:4px 4px  
4px 4px #734475; box-shadow:4px 4px 4px  
4px #734475 }
```

Background

The CSS property to change the background color of an element to Hex 734475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734475 }
```

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

```
.background{ background-color:#734475 }
```

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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