

Converting Colors

Hex(734A76)

Have a look what the booklet for
Hex(734A76) contains.

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Color

Hex(734A76)

Conversions

Conversions Part 1

Format	Color
Hex	734A76
RGB	115, 74, 118
RGB Percent	45%, 29%, 46%
CMY	0.5490, 0.7098, 0.5373
CMYK	0.03, 0.37, 0.00, 0.54
HSL	296°, 23%, 38%
HSV	296°, 37%, 46%
XYZ	12.7890, 9.8504, 18.3668
YIQ	91.2750, 10.3120, 22.3760

Conversions

Conversions Part 2

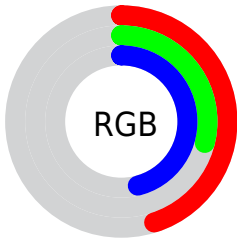
Format	Color
R_{YB}	115, 74, 118
Decimal	7555702
CIE _{Lab}	37.57, 25.30, -18.14
CIE _{LCh}	38, 31.129, 324.357
Yxy	9.8504, 0.3119, 0.2402
Android (android.graphics.Color)	4285745782 (0xFF734A76)
YUV	91.2750, 13.1754, 20.8068
Hunter-Lab	31.3854, 17.8115, -12.7269

Details

The Hex color **734A76** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4D764A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **A87CAA**, and **421C45** is the 20% darker color. If you saturate the color by 10%, you get **723E76**, and if you desaturate by 10%, it is **745676**.

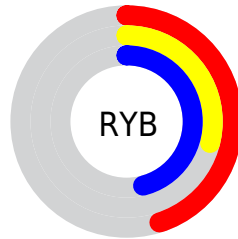
Distribution



Red (45%)

Green (29%)

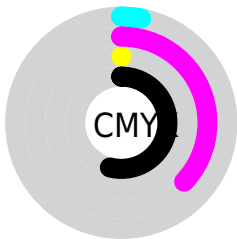
Blue (46%)



Red (45%)

Yellow (29%)

Blue (46%)

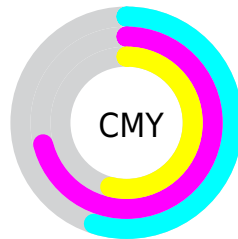


Cyan (3%)

Magenta (37%)

Yellow (0%)

Black (54%)



Cyan (55%)

Magenta (71%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 734A76 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 734A76 by changing the saturation by 10% instead.

 734A76

 734A76

FFFFFF

 5A335D

 A87CAA

 421C45

 C396C6

 2B062F

 DFB1E2

 14001A

 FCCCFE

 000000


 FFE8FF

 734A76

 734A76

 723E76

 745676

 713276

 756276

712776

756D76

701B76

767976

6F0F76

778576

6E0376

789176

6E0076

799D76

79A876

7AB476

Harmonies

Analogous

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



535486



734A76



84445E

Triad

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



734A76



6C5525



00656C

Complementary

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



734A76



4D764A

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.



006553



734A76



535D29

Square

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



734A76



7E4C30



35623A



006281

Rectangle

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



734A76



88444D



35623A



006564

Sweetspot

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



734A76



988899



4A4E76



4C434D



CCCCCC



4D4D4D

Same Dimension

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



734A76



945499



764A64



3A353B



72007A



E900FA

Inverse Universe

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



764A4D



995459



4A765C



3B3535



7A0008



FA0011

Previews

White Background



This preview shows how the Hex color 734A76 looks on a white background.

Color Contrast Check

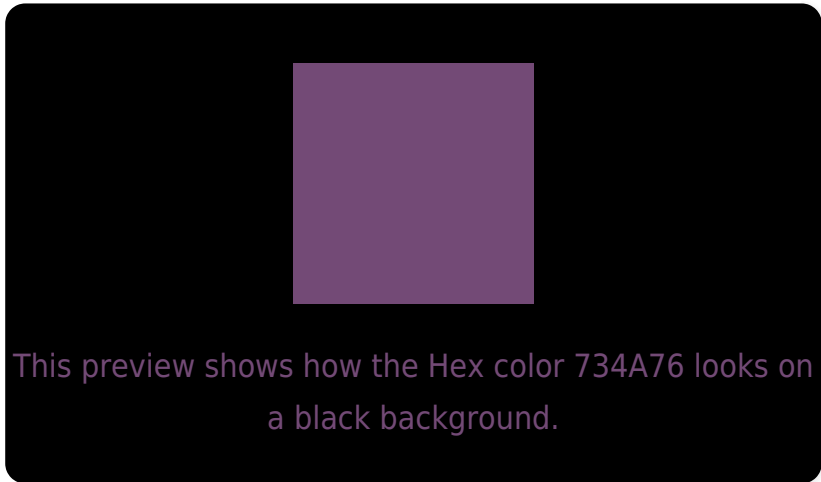
Large Text (above 18pt) WCAG AA ✓ Pass

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

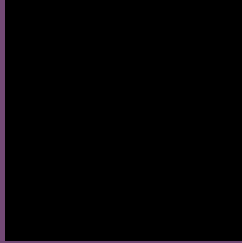
Any Text WCAG AA × Fail

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 734A76 Background



This preview shows how black text looks on a background with the Hex color 734A76.



This preview shows how white text looks on a background with the Hex color 734A76.

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
6F5157

Trichromacy



Original Color

734A76

Protanomaly

5A527C

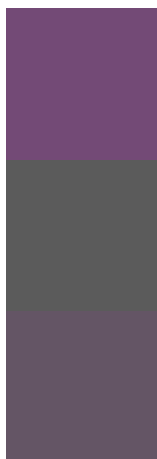
Deuteranomaly

5F5275

Tritanomaly

704E62

Monochromacy



Original Color

734A76

Achromatopsia

5B5B5B

Achromatomaly

645565

CSS Examples

Text

The CSS property to change the color of the text to Hex 734A76 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 #734A76 looks like.

```
.text, #text, p{  
    color:#734A76  
}
```

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 #734A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734A76
}
```

Border

The CSS property to change the border of an element to Hex 734A76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

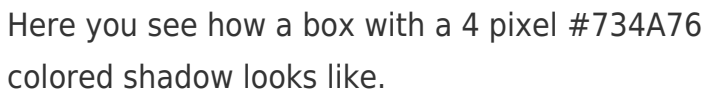
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#734A76 }
```

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

```
.border{ border-color:#734A76 }
```

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



Here you see how a box with a 4 pixel #734A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734A76; -webkit-box-shadow:4px 4px  
4px 4px #734A76; box-shadow:4px 4px 4px  
4px #734A76 }
```

Background

The CSS property to change the background color of an element to Hex 734A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734A76 }
```

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

```
.background{ background-color:#734A76 }
```

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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