

Converting Colors

Hex(744F76)

Have a look what the booklet for
Hex(744F76) contains.

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Color

Hex(744F76)

Conversions

Conversions Part 1

Format	Color
Hex	744F76
RGB	116, 79, 118
RGB Percent	45%, 31%, 46%
CMY	0.5451, 0.6902, 0.5373
CMYK	0.02, 0.33, 0.00, 0.54
HSL	297°, 20%, 39%
HSV	297°, 33%, 46%
XYZ	13.2685, 10.6130, 18.4887
YIQ	94.5090, 9.5330, 19.9730

Conversions

Conversions Part 2

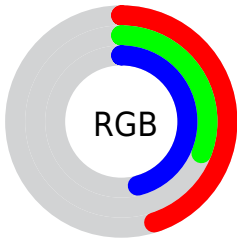
Format	Color
R_{YB}	116, 79, 118
Decimal	7622518
CIE _{Lab}	38.92, 22.65, -16.06
CIE _{LCh}	39, 27.765, 324.661
Yxy	10.6130, 0.3132, 0.2505
Android (android.graphics.Color)	4285812598 (0xFF744F76)
YUV	94.5090, 11.5811, 18.8476
Hunter-Lab	32.5776, 15.6902, -10.8445

Details

The Hex color **744F76** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **51764F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **A981AA**, and **432146** is the 20% darker color. If you saturate the color by 10%, you get **734376**, and if you desaturate by 10%, it is **755B76**.

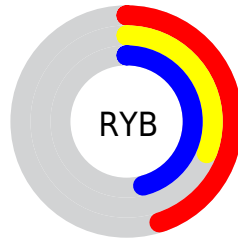
Distribution



Red (45%)

Green (31%)

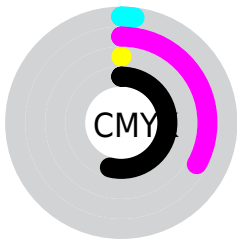
Blue (46%)



Red (45%)

Yellow (31%)

Blue (46%)

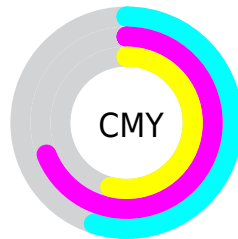


Cyan (2%)

Magenta (33%)

Yellow (0%)

Black (54%)



Cyan (55%)

Magenta (69%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 744F76 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 744F76 by changing the saturation by 10% instead.

 744F76

 744F76

FFFFFF

 5B385D

 A981AA

 432146

 C49BC6

 2C0C2F

 E0B6E2

 18001B

 FDD2FE

 000000

 FFEEFF

 744F76

 744F76

 734376

 755B76

 733776


 756776

 722C76

 767276

 722076

 767E76

 711476

 778A76

 700876

 789676

 700076

 78A276

 79AD76

 79B976

Harmonies

Analogous

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



585785



744F76



844A61

Triad

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



744F76



6D592E



00676E

Complementary

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



744F76



51764F

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.



186757



744F76



576032

Square

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



744F76



7E5138



3C6541



006580

Rectangle

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



744F76



874A51



3C6541



006766

Sweetspot

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



744F76



988A99



4F5276



4C434D



CCCCCC



4D4D4D

Same Dimension

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



744F76



965C99



764F65



3A353B



74007A



ED00FA

Inverse Universe

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



764F51



995C5F



4F7660



3B3535



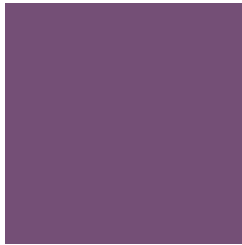
7A0006



FA000D

Previews

White Background



This preview shows how the Hex color 744F76 looks on a white background.

Color Contrast Check

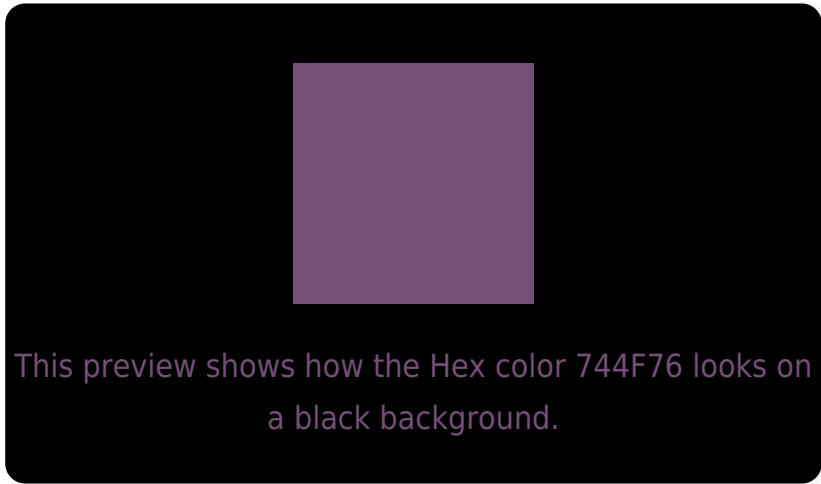
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

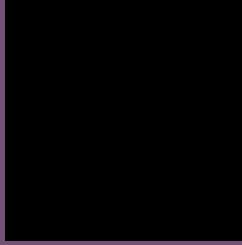
Any Text WCAG AA × Fail

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 744F76 Background



This preview shows how black text looks on a background with the Hex color 744F76.



This preview shows how white text looks on a background with the Hex color 744F76.

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



Original Color
744F76

Protanopia
515B7F

Deuteranopia
585A74



Tritanopia
70545B

Trichromacy



Original Color
744F76

Protanomaly
5E577C

Deuteranomaly
625675

Tritanomaly
715265

Monochromacy



Original Color
744F76

Achromatopsia
5F5F5F

Achromatomaly
675967

CSS Examples

Text

The CSS property to change the color of the text to Hex 744F76 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 #744F76 looks like.

```
.text, #text, p{  
    color:#744F76  
}
```

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 #744F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744F76
}
```

Border

The CSS property to change the border of an element to Hex 744F76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

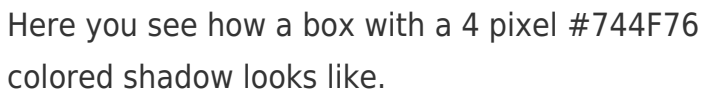
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744F76 }
```

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

```
.border{ border-color:#744F76 }
```

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



Here you see how a box with a 4 pixel #744F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744F76; -webkit-box-shadow:4px 4px  
4px 4px #744F76; box-shadow:4px 4px 4px  
4px #744F76 }
```

Background

The CSS property to change the background color of an element to Hex 744F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744F76 }
```

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

```
.background{ background-color:#744F76 }
```

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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