

Converting Colors

Hex(744976)

Have a look what the booklet for
Hex(744976) contains.

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Color

Hex(744976)

Conversions

Conversions Part 1

Format	Color
Hex	744976
RGB	116, 73, 118
RGB Percent	45%, 29%, 46%
CMY	0.5451, 0.7137, 0.5373
CMYK	0.02, 0.38, 0.00, 0.54
HSL	297°, 24%, 37%
HSV	297°, 38%, 46%
XYZ	12.8550, 9.7861, 18.3509
YIQ	90.9870, 11.1830, 23.1110

Conversions

Conversions Part 2

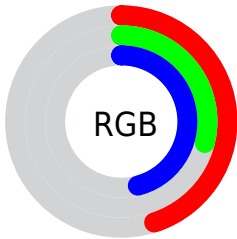
Format	Color
R_{YB}	116, 73, 118
Decimal	7620982
CIE _{Lab}	37.46, 26.24, -18.31
CIE _{LCh}	37, 31.998, 325.095
Yxy	9.7861, 0.3136, 0.2387
Android (android.graphics.Color)	4285811062 (0xFF744976)
YUV	90.9870, 13.3174, 21.9364
Hunter-Lab	31.2827, 18.6062, -12.8825

Details

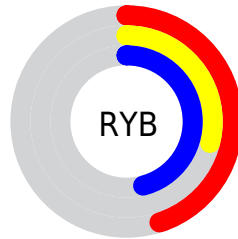
The Hex color **744976** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4B7649**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **A97BAA**, and **431B45** is the 20% darker color. If you saturate the color by 10%, you get **733D76**, and if you desaturate by 10%, it is **755576**.

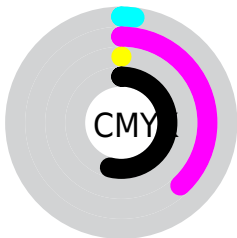
Distribution



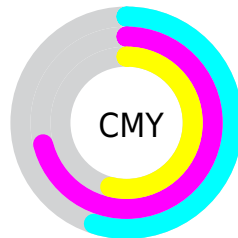
- Red (45%)
- Green (29%)
- Blue (46%)



- Red (45%)
- Yellow (29%)
- Blue (46%)



- Cyan (2%)
- Magenta (38%)
- Yellow (0%)
- Black (54%)



- Cyan (55%)
- Magenta (71%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 744976 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 744976 by changing the saturation by 10% instead.



744976



744976

FFFFFF



5B325D



A97BAA



431B45



C495C6



2B052F



E1B0E2



14001A



FECBFE



000000



FFE7FF



744976



744976



733D76



755576



733176



756176

722676

766C76

721A76

767876

710E76

778476

710276

779076

710076

789C76

78A776

79B376

Harmonies

Analogous

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



535387



744976



85435D

Triad

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



744976



6B5523



00656D

Complementary

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



744976



4B7649

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



744976



525D27

Square

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



744976



7E4C2E



326239



006282

Rectangle

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



744976



89434C



326239



006565

Sweetspot

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



744976



988899



494B76



4C434D



CCCCCC



4D4D4D

Same Dimension

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



744976



965399



764962



3A353B



75007A



EF00FA

Inverse Universe

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



76494B



995356



49765D



3B3535



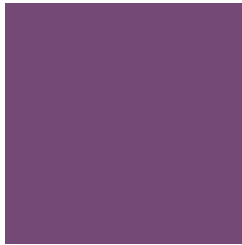
7A0005



FA000B

Previews

White Background



This preview shows how the Hex color 744976 looks on a white background.

Color Contrast Check

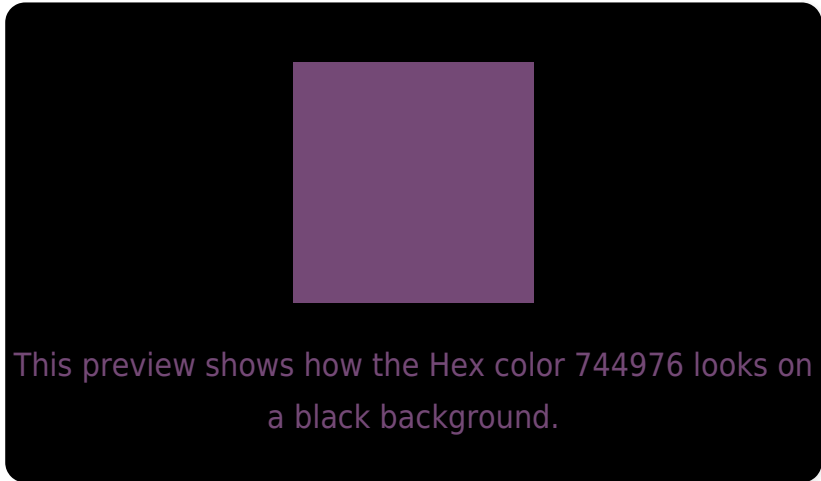
Large Text (above 18pt) WCAG AA ✓ Pass

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

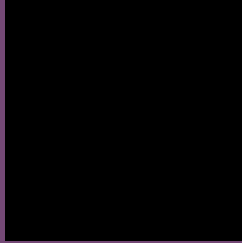
Any Text WCAG AA × Fail

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 744976 Background



This preview shows how black text looks on a background with the Hex color 744976.



This preview shows how white text looks on a background with the Hex color 744976.

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
744976

Protanopia
4B5781

Deuteranopia
535773



Tritanopia
705056

Trichromacy



Original Color
744976

Protanomaly
5A527D

Deuteranomaly
5F5274

Tritanomaly
714D62

Monochromacy



Original Color
744976

Achromatopsia
5B5B5B

Achromatomaly
645465

CSS Examples

Text

The CSS property to change the color of the text to Hex 744976 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 #744976 looks like.

```
.text, #text, p{  
    color:#744976  
}
```

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 #744976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744976
}
```

Border

The CSS property to change the border of an element to Hex 744976 is called "border". The border property can be set on classes, ids or directly on the HTML element.

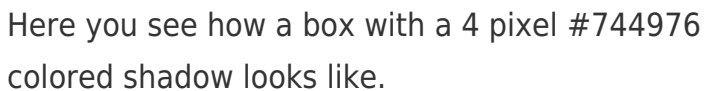
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744976 }
```

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

```
.border{ border-color:#744976 }
```

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



Here you see how a box with a 4 pixel #744976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744976; -webkit-box-shadow:4px 4px  
4px 4px #744976; box-shadow:4px 4px 4px  
4px #744976 }
```

Background

The CSS property to change the background color of an element to Hex 744976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744976 }
```

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

```
.background{ background-color:#744976 }
```

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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