

Converting Colors

Hex(744581)

Have a look what the booklet for
Hex(744581) contains.

Hex(744581)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(744581)

Conversions

Conversions Part 1

Format	Color
Hex	744581
RGB	116, 69, 129
RGB Percent	45%, 27%, 51%
CMY	0.5451, 0.7294, 0.4941
CMYK	0.10, 0.47, 0.00, 0.49
HSL	287°, 30%, 39%
HSV	287°, 47%, 51%
XYZ	13.2930, 9.5542, 21.9124
YIQ	89.8930, 8.7520, 28.6240

Conversions

Conversions Part 2

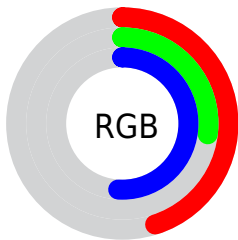
Format	Color
R_{YB}	116, 69, 129
Decimal	7619969
CIE _{Lab}	37.03, 30.96, -25.77
CIE _{LCh}	37, 40.282, 320.223
Yxy	9.5542, 0.2970, 0.2135
Android (android.graphics.Color)	4285810049 (0xFF744581)
YUV	89.8930, 19.2798, 22.8958
Hunter-Lab	30.9099, 22.6729, -20.3945

Details

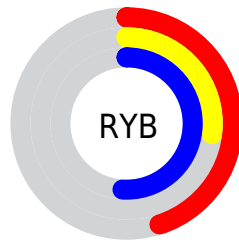
The Hex color **744581** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **528145**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A977B6**, and **42164F** is the 20% darker color. If you saturate the color by 10%, you get **713881**, and if you desaturate by 10%, it is **775281**.

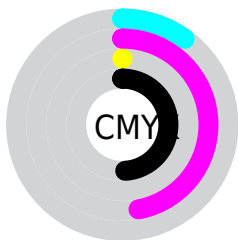
Distribution



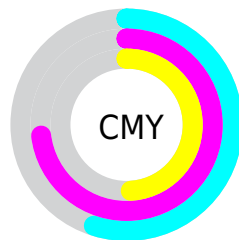
- Red (45%)
- Green (27%)
- Blue (51%)



- Red (45%)
- Yellow (27%)
- Blue (51%)



- Cyan (10%)
- Magenta (47%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (73%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 744581 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 744581 by changing the saturation by 10% instead.

744581

744581

FFFFFF

5B2D68

A977B6

42164F

C591D2

2A0038

E1ACEE

130022

FEC7FF

000008

FFE3FF

000000

744581

744581

713881

775281

6E2B81

7A5F81

6C1E81

7C6C81

691181

7F7981

660581

828681

650081

859281

889F81

8AAC81

8DB981

Harmonies

Analogous

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



445394



744581



8D3A63

Triad

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



744581



715212



00676D

Complementary

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



744581



528145

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.



00664B



744581



535C14

Square

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



744581



874526



2B632B



006488

Rectangle

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



744581



92394D



2B632B



006762

Sweetspot

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



744581



A391A8



455281



514654



D4D4D4



545454

Same Dimension

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



744581



944AA8



814570



3E3940



640080



000000

Inverse Universe

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



814552



A84A5E



458156



40393B



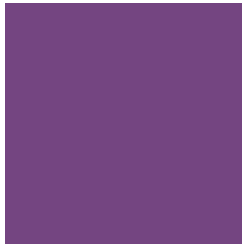
80001C



000000

Previews

White Background



This preview shows how the Hex color 744581 looks on a white background.

Color Contrast Check

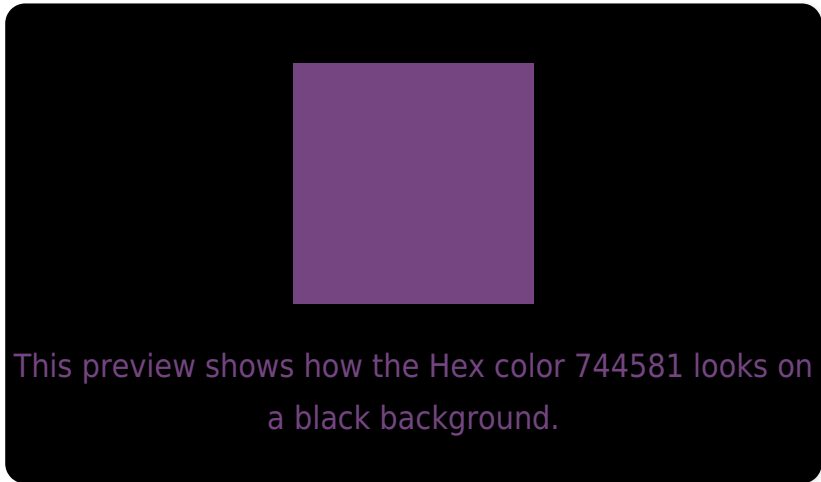
Large Text (above 18pt) WCAG AA ✓ Pass

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

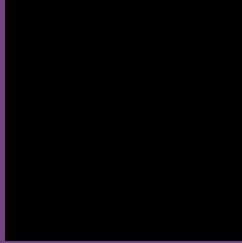
Any Text WCAG AA × Fail

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 744581 Background



This preview shows how black text looks on a background with the Hex color 744581.




This preview shows how white text looks on a background with the Hex color 744581.

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
6E4F55

Trichromacy



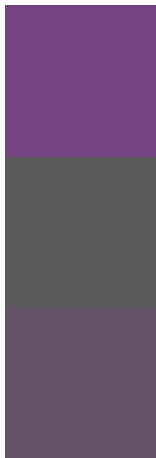
Original Color
744581

Protanomaly
53508A

Deuteranomaly
59507F

Tritanomaly
704B65

Monochromacy



Original Color
744581

Achromatopsia
5A5A5A

Achromatomaly
635268

CSS Examples

Text

The CSS property to change the color of the text to Hex 744581 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 #744581 looks like.

```
.text, #text, p{  
    color:#744581  
}
```

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 #744581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744581
}
```

Border

The CSS property to change the border of an element to Hex 744581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

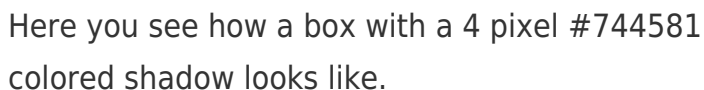
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744581 }
```

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

```
.border{ border-color:#744581 }
```

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



Here you see how a box with a 4 pixel #744581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744581; -webkit-box-shadow:4px 4px  
4px 4px #744581; box-shadow:4px 4px 4px  
4px #744581 }
```

Background

The CSS property to change the background color of an element to Hex 744581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744581 }
```

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

```
.background{ background-color:#744581 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor