

# Converting Colors

Hex(744575)

Have a look what the booklet for  
Hex(744575) contains.

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# Color

**Hex(744575)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	744575
RGB	116, 69, 117
RGB Percent	45%, 27%, 46%
CMY	0.5451, 0.7294, 0.5412
CMYK	0.01, 0.41, 0.00, 0.54
HSL	299°, 26%, 36%
HSV	299°, 41%, 46%
XYZ	12.5415, 9.2536, 17.9547
YIQ	88.5250, 12.6040, 24.8920

# Conversions

## Conversions Part 2

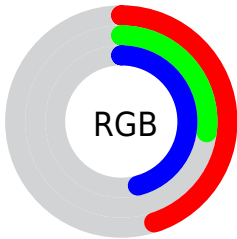
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 69, 117
Decimal	7619957
CIE <sub>Lab</sub>	36.47, 28.39, -19.21
CIE <sub>LCh</sub>	36, 34.283, 325.918
Yxy	9.2536, 0.3155, 0.2328
Android (android.graphics.Color)	4285810037 (0xFF744575)
YUV	88.5250, 14.0382, 24.0956
Hunter-Lab	30.4197, 20.3576, -13.7011

# Details

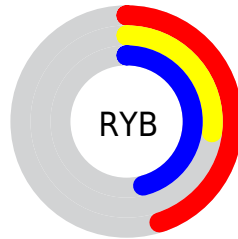
The Hex color **744575** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **467545**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **A976A9**, and **421745** is the 20% darker color. If you saturate the color by 10%, you get **743975**, and if you desaturate by 10%, it is **745175**.

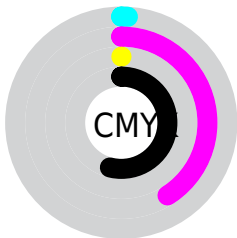
# Distribution



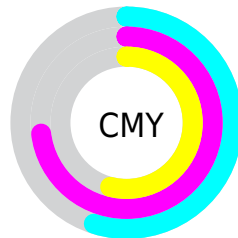
- Red (45%)
- Green (27%)
- Blue (46%)



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



- Cyan (1%)
- Magenta (41%)
- Yellow (0%)
- Black (54%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 744575 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 744575 by changing the saturation by 10% instead.



 744575

 744575

FFFFFF

 5B2E5C

 A976A9

 421745

 C591C5

 2B002E

 E1ABE1

 120019

 FEC7FD

 000000

 FFE3FF

 744575

 744575

 743975

 745175

 742E75

 745C75

 732275

 756875

 731675

 757475

 730B75

 758075

 730075

 758B75

 769775

 76A375

 76AE75

# Harmonies

## Analogous

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



515087



744575



863E5B

# Triad

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



744575



69531C



00636D

# Complementary

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



744575



467545

# 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.



006351



744575



4E5B22

# Square

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



744575



7D4929



2B6136



006083

# Rectangle

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



744575



893E48



2B6136



006364



# Sweetspot

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



744575



998799



454775



4C424D



CCCCCC



4D4D4D



# Same Dimension

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



744575



974E99



75455F



3B353B



78007A



F500FA



# Inverse Universe

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



754546



994E50



45755B



3B3535



7A0003

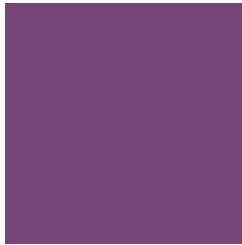


FA0005



# Previews

## White Background



This preview shows how the Hex color 744575 looks on a white background.

## Color Contrast Check

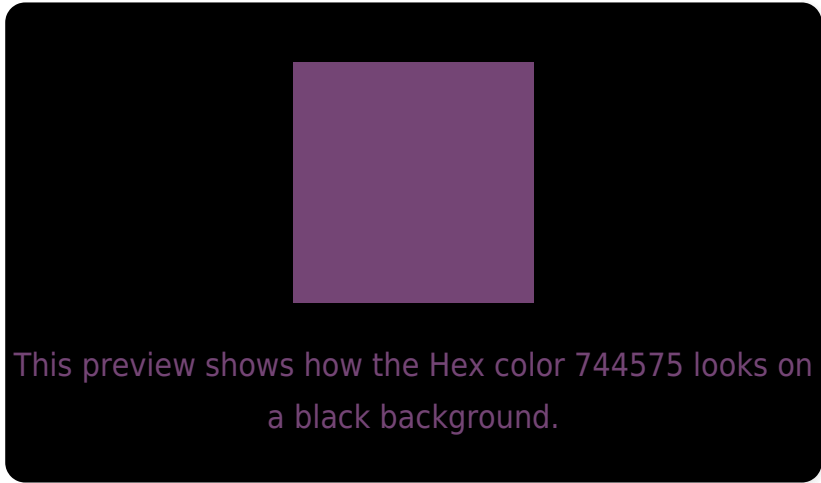
Large Text (above 18pt) WCAG AA ✓ Pass

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

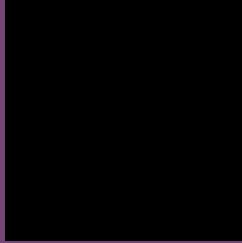
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 744575 Background



This preview shows how black text looks on a background with the Hex color 744575.



This preview shows how white text looks on a background with the Hex color 744575.

# 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**  
704D52

# Trichromacy



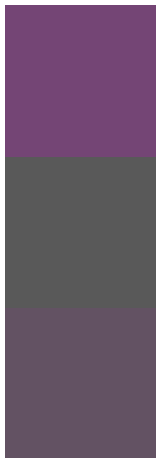
**Original Color**  
744575

**Protanomaly**  
574F7D

**Deuteranomaly**  
5C4F73

**Tritanomaly**  
714A5F

# Monochromacy



**Original Color**  
744575

**Achromatopsia**  
595959

**Achromatomaly**  
635263

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 744575 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 #744575 looks like.

```
.text, #text, p{  
    color:#744575  
}
```

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 #744575 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #744575
}
```

## Border

The CSS property to change the border of an element to Hex 744575 is called "border". The border property can be set on classes, ids or directly on the HTML element.

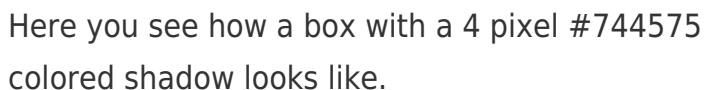
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#744575 }
```

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

```
.border{ border-color:#744575 }
```

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



Here you see how a box with a 4 pixel #744575 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #744575; -webkit-box-shadow:4px 4px  
4px 4px #744575; box-shadow:4px 4px 4px  
4px #744575 }
```

# Background

The CSS property to change the background color of an element to Hex 744575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#744575 }
```

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

```
.background{ background-color:#744575 }
```

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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