

# Converting Colors

Hex(754974)

Have a look what the booklet for  
Hex(754974) contains.

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# Color

**Hex(754974)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 754974                    |
| RGB           | 117, 73, 116              |
| RGB Percent   | 46%, 29%, 45%             |
| CMY           | 0.5412, 0.7137, 0.5451    |
| CMYK          | 0.00, 0.38, 0.01, 0.54    |
| HSL           | 301°, 23%, 37%            |
| HSV           | 301°, 38%, 46%            |
| XYZ           | 12.8710, 9.8079, 17.7377  |
| YIQ           | 91.0580, 12.4210, 22.7010 |

# Conversions

## Conversions Part 2

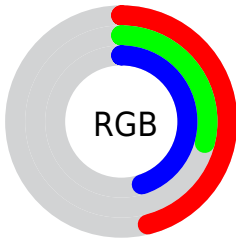
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 117, 73, 116                  |
| Decimal                             | 7686516                       |
| CIE Lab                             | 37.50, 26.18, -17.00          |
| CIE LCh                             | 37, 31.210, 327.004           |
| Yxy                                 | 9.8079, 0.3185,<br>0.2427     |
| Android<br>(android.graphics.Color) | 4285876596<br>(0xFF754974)    |
| YUV                                 | 91.0580, 12.2964,<br>22.7511  |
| Hunter-Lab                          | 31.3176, 18.5547,<br>-11.6584 |

# Details

The Hex color **754974** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **49754A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **AA7BA8**, and **431B44** is the 20% darker color. If you saturate the color by 10%, you get **753D74**, and if you desaturate by 10%, it is **755574**.

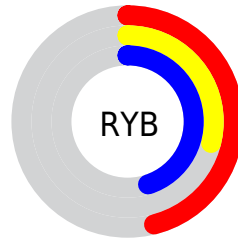
# Distribution



Red (46%)

Green (29%)

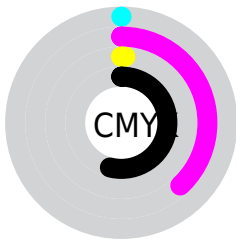
Blue (45%)



Red (46%)

Yellow (29%)

Blue (45%)

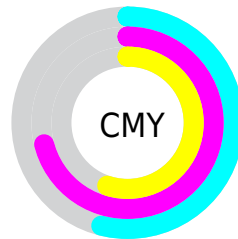


Cyan (0%)

Magenta (38%)

Yellow (1%)

Black (54%)



Cyan (54%)

Magenta (71%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 754974 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 754974 by changing the saturation by 10% instead.



 754974

 754974

FFFFFF

 5C325B

 AA7BA8

 431B44

 C695C3

 2C052D

 E2B0DF

 150019

 FFCBFC

 000000

 FFE7FF

 754974

 754974

 753D74

 755574

 753273

 756075

752673

756C75

751A73

757875

750E73

758475

750372

758F76

750072

759B76

75A776

75B276

# Harmonies

## Analogous

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



565385



754974



85435C

# Triad

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



754974



695624



00656E

# Complementary

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



754974



49754A

# 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.



006555



754974



505E2A

# Square

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



754974



7D4D2F



31633C



006282

# Rectangle

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



754974



88444B



31633C



006566



# Sweetspot

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



754974



998899



4A4975



4D434C



CCCCCC



4D4D4D



# Same Dimension

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



754974



995497



75495E



3B353B



7A0078



FA00F4



# Inverse Universe

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



754974



995497



497560



3B353B



7A0078

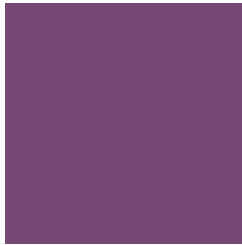


FA00F4



# Previews

## White Background



This preview shows how the Hex color 754974 looks on a white background.

## Color Contrast Check

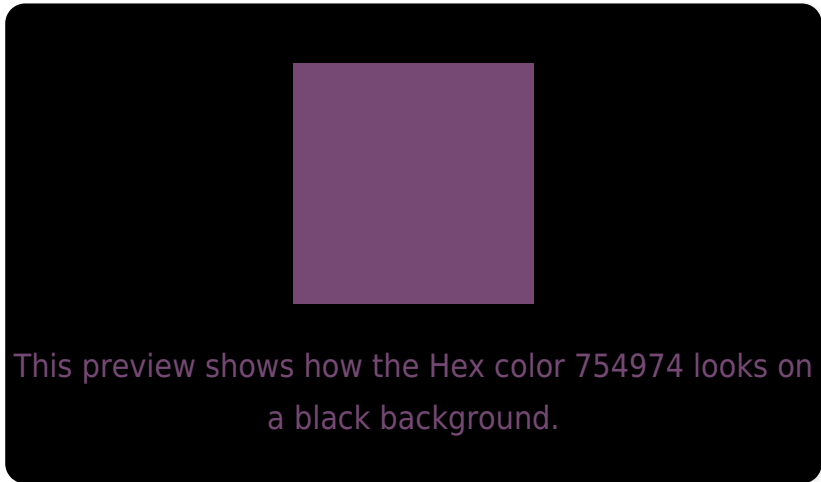
Large Text (above 18pt) WCAG AA ✓ Pass

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

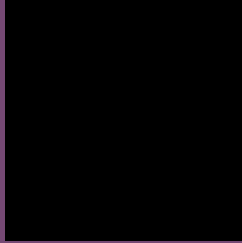
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 754974 Background



This preview shows how black text looks on a background with the Hex color 754974.



This preview shows how white text looks on a background with the Hex color 754974.

# 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**  
714F55

# Trichromacy



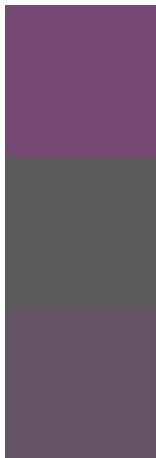
**Original Color**  
754974

**Protanomaly**  
5B527B

**Deuteranomaly**  
605272

**Tritanomaly**  
724D60

# Monochromacy



**Original Color**  
754974

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
645464

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 754974 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 #754974 looks like.

```
.text, #text, p{  
    color:#754974  
}
```

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 #754974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #754974
}
```

## Border

The CSS property to change the border of an element to Hex 754974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

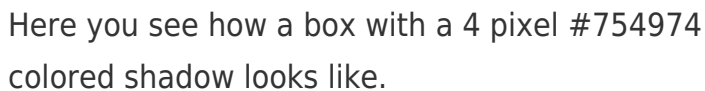
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#754974 }
```

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

```
.border{ border-color:#754974 }
```

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



Here you see how a box with a 4 pixel #754974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #754974; -webkit-box-shadow:4px 4px  
4px 4px #754974; box-shadow:4px 4px 4px  
4px #754974 }
```

# Background

The CSS property to change the background color of an element to Hex 754974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#754974 }
```

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

```
.background{ background-color:#754974 }
```

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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