

# Converting Colors

Hex(784974)

Have a look what the booklet for  
Hex(784974) contains.

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# Color

**Hex(784974)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	784974
RGB	120, 73, 116
RGB Percent	47%, 29%, 45%
CMY	0.5294, 0.7137, 0.5451
CMYK	0.00, 0.39, 0.03, 0.53
HSL	305°, 24%, 38%
HSV	305°, 39%, 47%
XYZ	13.2807, 10.0191, 17.7569
YIQ	91.9550, 14.2090, 23.3370

# Conversions

## Conversions Part 2

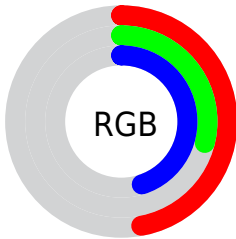
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 73, 116
Decimal	7883124
CIE <sub>Lab</sub>	37.88, 27.23, -16.38
CIE <sub>LCh</sub>	38, 31.775, 328.972
Yxy	10.0191, 0.3235, 0.2440
Android (android.graphics.Color)	4286073204 (0xFF784974)
YUV	91.9550, 11.8542, 24.5955
Hunter-Lab	31.6530, 19.5006, -11.1038

# Details

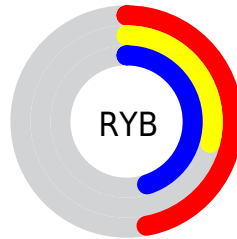
The Hex color **784974** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **49784D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **AD7BA8**, and **461B44** is the 20% darker color. If you saturate the color by 10%, you get **783D73**, and if you desaturate by 10%, it is **785575**.

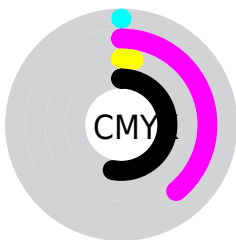
# Distribution



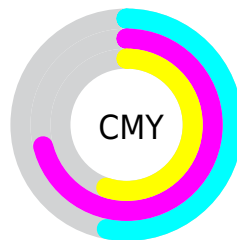
- Red (47%)
- Green (29%)
- Blue (45%)



- Red (47%)
- Yellow (29%)
- Blue (45%)



- Cyan (0%)
- Magenta (39%)
- Yellow (3%)
- Black (53%)



- Cyan (53%)
- Magenta (71%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 784974 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 784974 by changing the saturation by 10% instead.



 784974

 784974

FFFFFF

 5F325B

 AD7BA8

 461B44

 C995C3

 2F042D

 E5B0DF

 190019

 FFCBFC

 000000

 FFE8FF

 784974

 784974

 783D73

 785575

 783172

 786176

782571

786D77

781970

787978

780D6F

788579

78016E

78917A

78006E

789D7B

78A97C

78B57D

# Harmonies

## Analogous

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



595386



784974



87445B

# Triad

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



784974



695724



006671

# Complementary

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



784974



49784D

# 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.



006657



784974



4F5F2A

# Square

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



784974



7D4E2E



2E643E



006385

# Rectangle

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



784974



8A444A



2E643E



006669



# Sweetspot

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



784974



9C899A



4D4978



4F444E



CFCFCF



4F4F4F



# Same Dimension

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



784974



9C5295



78495D



3D373D



7D0072



FC00E7



# Inverse Universe

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



784974



9C5295



497864



3D373D



7D0072

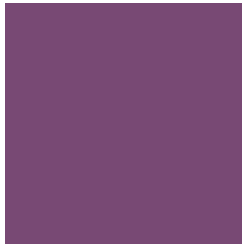


FC00E7



# Previews

## White Background



This preview shows how the Hex color 784974 looks on a white background.

## Color Contrast Check

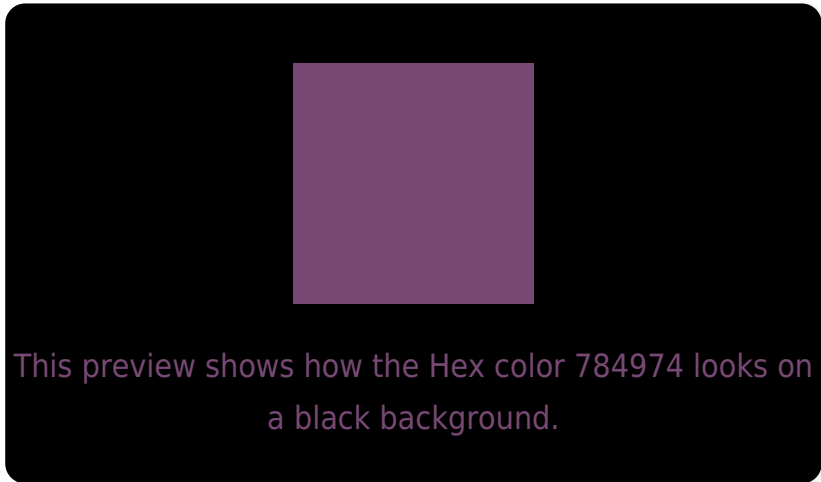
Large Text (above 18pt) WCAG AA ✓ Pass

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

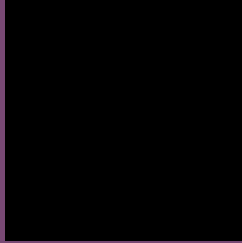
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 784974 Background



This preview shows how black text looks on a background with the Hex color 784974.



This preview shows how white text looks on a background with the Hex color 784974.

# 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**  
744F55

# Trichromacy



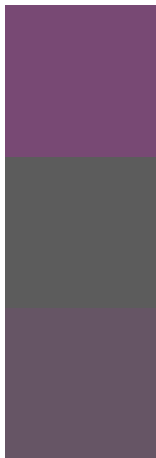
**Original Color**  
784974

**Protanomaly**  
5D537C

**Deuteranomaly**  
625372

**Tritanomaly**  
754D60

# Monochromacy



**Original Color**  
784974

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
665565

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 784974 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 #784974 looks like.

```
.text, #text, p{  
    color:#784974  
}
```

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 #784974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784974
}
```

## Border

The CSS property to change the border of an element to Hex 784974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

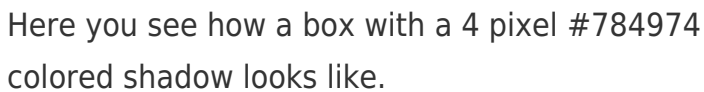
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784974 }
```

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

```
.border{ border-color:#784974 }
```

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



Here you see how a box with a 4 pixel #784974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784974; -webkit-box-shadow:4px 4px  
4px 4px #784974; box-shadow:4px 4px 4px  
4px #784974 }
```

# Background

The CSS property to change the background color of an element to Hex 784974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784974 }
```

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

```
.background{ background-color:#784974 }
```

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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