

# Converting Colors

Hex(786973)

Have a look what the booklet for  
Hex(786973) contains.

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# Color

**Hex(786973)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	786973
RGB	120, 105, 115
RGB Percent	47%, 41%, 45%
CMY	0.5294, 0.5882, 0.5490
CMYK	0.00, 0.13, 0.04, 0.53
HSL	320°, 7%, 44%
HSV	320°, 13%, 47%
XYZ	15.8918, 15.3340, 18.3418
YIQ	110.6250, 5.7300, 6.2900

# Conversions

## Conversions Part 2

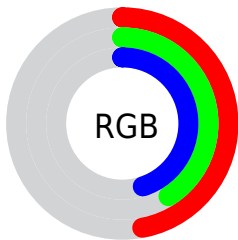
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 105, 115
Decimal	7891315
CIE Lab	46.09, 7.83, -3.41
CIE LCh	46, 8.541, 336.486
Yxy	15.3340, 0.3206, 0.3094
Android (android.graphics.Color)	4286081395 (0xFF786973)
YUV	110.6250, 2.1569, 8.2219
Hunter-Lab	39.1587, 3.9132, -0.3602

# Details

The Hex color **786973** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **69786E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **AC9CA7**, and **473A43** is the 20% darker color. If you saturate the color by 10%, you get **785D6F**, and if you desaturate by 10%, it is **787577**.

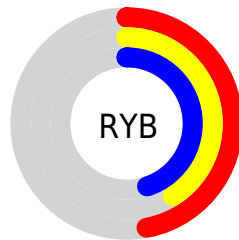
# Distribution



Red (47%)

Green (41%)

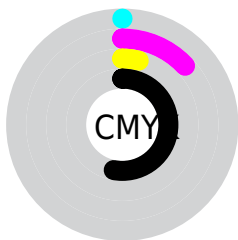
Blue (45%)



Red (47%)

Yellow (41%)

Blue (45%)

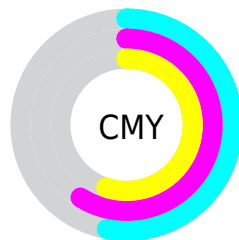


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (53%)



Cyan (53%)

Magenta (59%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 786973 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 786973 by changing the saturation by 10% instead.



786973

786973

FFFFFF

5F515A

AC9CA7

473A43

C8B7C2

31242D

E4D3DE

1C1018

FFEFFA

000000

786973

786973

785D6F

787577

78516B

78817B

784567

788D7F

■ 783963

■ 789983

■ 782D5F

■ 78A587

■ 78215B

■ 78B18B

■ 781557

■ 78BD8F

■ 780953

■ 78C993

■ 780050

■ 78D597

# Harmonies

## Analogous

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



716B79



786973



7C686C

# Triad

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



786973



716D5F



5B7175

# Complementary

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



786973



69786E

# 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.



5C716E



786973



696F62

# Square

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



786973



786B60



617167



606F7A

# Rectangle

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



786973



7D6967



617167



5B7173



# Sweetspot

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



786973



9C9599



6E6978



4F4B4E



CFCFCF



4F4F4F



# Same Dimension

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



786973



9C8494



78696B



3D373B



7D0053



FC00A8



# Inverse Universe

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



786973



9C8494



697875



3D373B



7D0053



FC00A8



# Previews

## White Background



This preview shows how the Hex color 786973 looks on a white background.

## Color Contrast Check

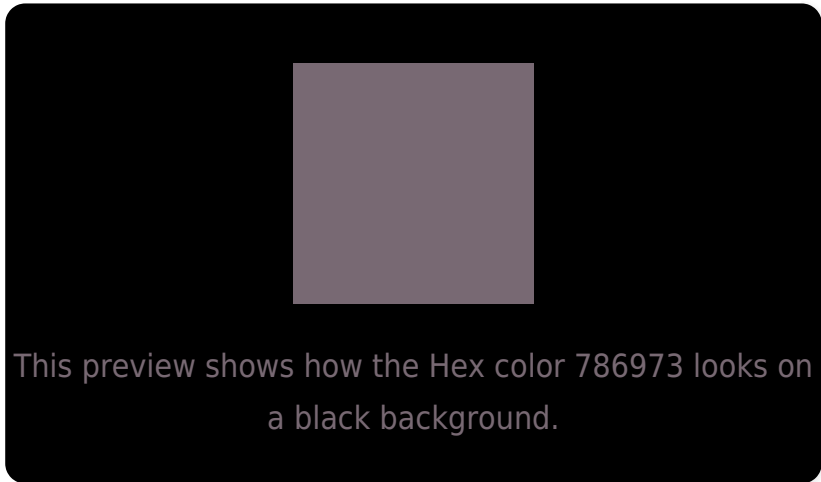
Large Text (above 18pt) WCAG AA ✓ Pass

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

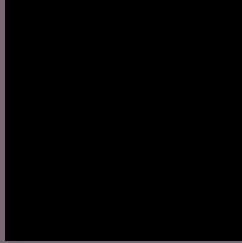
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 786973 Background



This preview shows how black text looks on a background with the Hex color 786973.



This preview shows how white text looks on a background with the Hex color 786973.

# 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**


786973

**Protanopia**

6D6D75

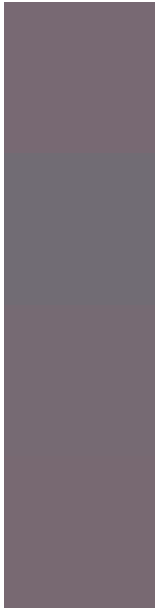
**Deuteranopia**

756A73



**Tritanopia**  
786971

# Trichromacy



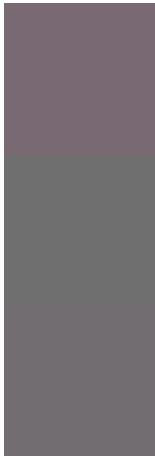
**Original Color**  
786973

**Protanomaly**  
716C74

**Deuteranomaly**  
766A73

**Tritanomaly**  
786972

# Monochromacy



**Original Color**  
786973

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
726D70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786973 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 #786973 looks like.

```
.text, #text, p{  
    color:#786973  
}
```

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 #786973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786973  
}
```

## Border

The CSS property to change the border of an element to Hex 786973 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  
#786973 }
```

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

```
.border{ border-color:#786973 }
```

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

Here you see how a box with a 4 pixel #786973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786973; -webkit-box-shadow:4px 4px  
4px 4px #786973; box-shadow:4px 4px 4px  
4px #786973 }
```

# Background

The CSS property to change the background color of an element to Hex 786973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786973 }
```

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

```
.background{ background-color:#786973 }
```

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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