

# Converting Colors

Hex(78556B)

Have a look what the booklet for  
Hex(78556B) contains.

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**Color**

**Hex(78556B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78556B
RGB	120, 85, 107
RGB Percent	47%, 33%, 42%
CMY	0.5294, 0.6667, 0.5804
CMYK	0.00, 0.29, 0.11, 0.53
HSL	322°, 17%, 40%
HSV	322°, 29%, 47%
XYZ	13.6481, 11.5516, 15.4203
YIQ	97.9730, 13.7980, 14.2620

# Conversions

## Conversions Part 2

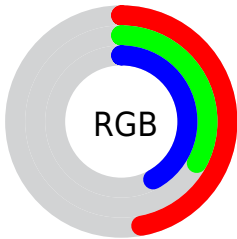
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 85, 107
Decimal	7886187
CIE <sub>Lab</sub>	40.49, 18.32, -6.85
CIE <sub>LCh</sub>	40, 19.554, 339.508
Yxy	11.5516, 0.3360, 0.2844
Android (android.graphics.Color)	4286076267 (0xFF78556B)
YUV	97.9730, 4.4503, 19.3177
Hunter-Lab	33.9877, 12.2000, -3.1086

# Details

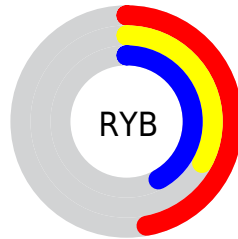
The Hex color **78556B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **557862**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AD879E**, and **47273C** is the 20% darker color. If you saturate the color by 10%, you get **784967**, and if you desaturate by 10%, it is **78616F**.

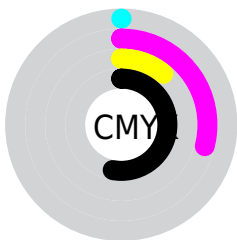
# Distribution



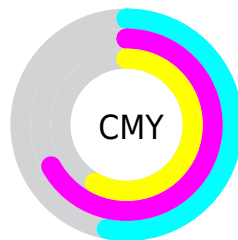
- Red (47%)
- Green (33%)
- Blue (42%)



- Red (47%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (11%)
- Black (53%)



- Cyan (53%)
- Magenta (67%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78556B 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 78556B by changing the saturation by 10% instead.





78556B



78556B

FFFFFF



5F3E53



AD879E



47273C



C8A1B9



301226



E5BCD5



1E0012



FFD8F1



000000



FFF5FF



78556B



78556B



784967



78616F



783D62



786D74

 78315E

 787978

 782559

 78857D

 781955

 789181

 780D50

 789D86

 78014C

 78A98A

 78004B

 78B58F

 78C193

# Harmonies

## Analogous

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



685A78



78556B



7F545B

# Triad

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



78556B



666040



2D6773

# Complementary

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



78556B



557862

# 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.



316864



78556B



546546

# Square

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



78556B



745B42



416754



3B647D

# Rectangle

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



78556B



7F5550



416754



2C686F



# Sweetspot

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



78556B



9C8E96



625578



4F464C



CFCFCF



4F4F4F



# Same Dimension

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



78556B



9C6587



78555A



3D373B



7D004F



FC009F



# Inverse Universe

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



78556B



9C6587



557873



3D373B



7D004F

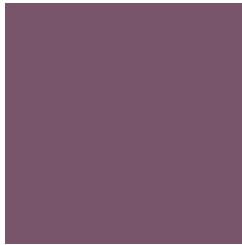


FC009F



# Previews

## White Background



This preview shows how the Hex color 78556B looks on a white background.

## Color Contrast Check

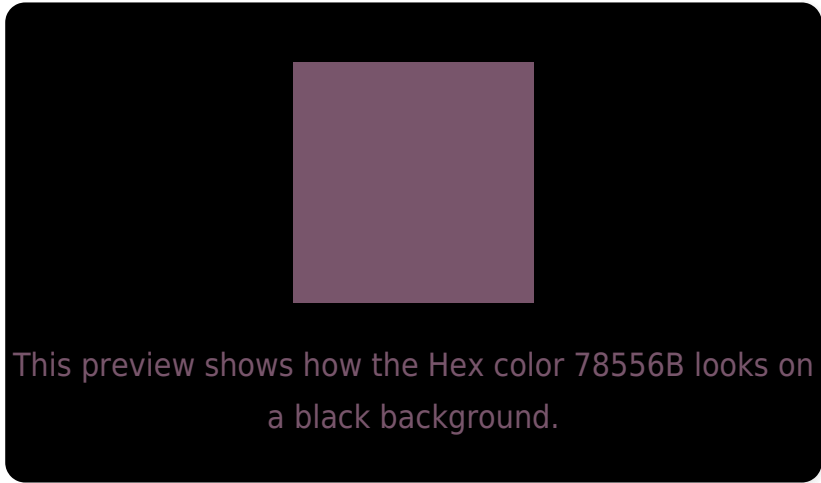
Large Text (above 18pt) WCAG AA ✓ Pass

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

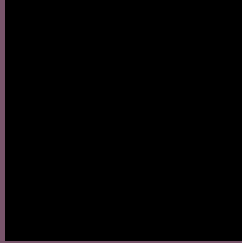
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 78556B Background



This preview shows how black text looks on a background with the Hex color 78556B.



This preview shows how white text looks on a background with the Hex color 78556B.

# 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**  
78556B

**Protanopia**  
5C5F71

**Deuteranopia**  
645D69



**Tritanopia**  
76575E

# Trichromacy



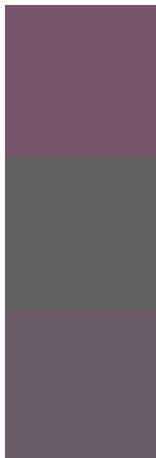
**Original Color**  
78556B

**Protanomaly**  
665B6F

**Deuteranomaly**  
6B5A6A

**Tritanomaly**  
775663

# Monochromacy



**Original Color**  
78556B

**Achromatopsia**  
626262

**Achromatomaly**  
6A5D65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78556B 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 #78556B looks like.

```
.text, #text, p{  
    color:#78556B  
}
```

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 #78556B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78556B
}
```

## Border

The CSS property to change the border of an element to Hex 78556B 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".

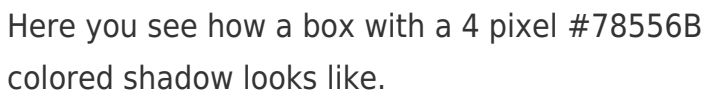
```
.border, #border, table{ border:4px solid
#78556B }
```

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

```
.border{ border-color:#78556B }
```

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

Here you see how a box with a 4 pixel #78556B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78556B; -webkit-box-shadow:4px 4px  
4px 4px #78556B; box-shadow:4px 4px 4px  
4px #78556B }
```

# Background

The CSS property to change the background color of an element to Hex 78556B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78556B }
```

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

```
.background{ background-color:#78556B }
```

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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