

# Converting Colors

Hex(78456B)

Have a look what the booklet for  
Hex(78456B) contains.

<b>Hex(78456B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(78456B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78456B
RGB	120, 69, 107
RGB Percent	47%, 27%, 42%
CMY	0.5294, 0.7294, 0.5804
CMYK	0.00, 0.43, 0.11, 0.53
HSL	315°, 27%, 37%
HSV	315°, 43%, 47%
XYZ	12.5277, 9.3109, 15.0468
YIQ	88.5810, 18.1980, 22.6300

# Conversions

## Conversions Part 2

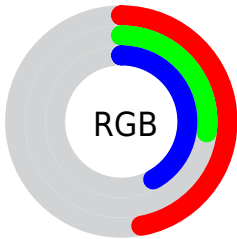
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 69, 107
Decimal	7882091
CIE <sub>Lab</sub>	36.58, 27.84, -12.75
CIE <sub>LCh</sub>	37, 30.618, 335.386
Yxy	9.3109, 0.3396, 0.2524
Android (android.graphics.Color)	4286072171 (0xFF78456B)
YUV	88.5810, 9.0806, 27.5545
Hunter-Lab	30.5137, 19.8860, -7.8773

# Details

The Hex color **78456B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **457852**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **AD779E**, and **46173C** is the 20% darker color. If you saturate the color by 10%, you get **783968**, and if you desaturate by 10%, it is **78516E**.

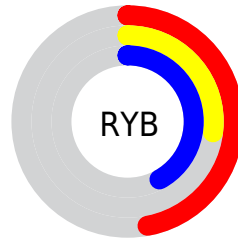
# Distribution



Red (47%)

Green (27%)

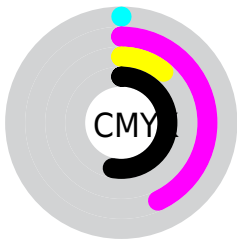
Blue (42%)



Red (47%)

Yellow (27%)

Blue (42%)

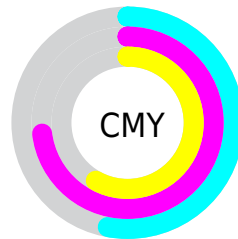


Cyan (0%)

Magenta (43%)

Yellow (11%)

Black (53%)



Cyan (53%)

Magenta (73%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78456B 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 78456B by changing the saturation by 10% instead.



 78456B

 78456B

FFFFFF

 5F2E53

 AD779E

 46173C

 C991B9

 2E0026

 E6ABD5

 160010

 FFC7F1

 000000

 FFE3FF

 78456B

 78456B

 783968

 78516E

 782D65

 785D71

 782162

 786974

 78155F

 787577

 78095C

 78817A

 780059

 788D7D

 789980

 78A583

 78B187

# Harmonies

## Analogous

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



5E4E7E



78456B



844153

# Triad

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



78456B



605623



006272

# Complementary

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



78456B



457852

# 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.



00635A



78456B



475D2C

# Square

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



78456B



754D29



256141



005E82

# Rectangle

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



78456B



844342



256141



00626A



# Sweetspot

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



78456B



9C8796



524578



4F424C



CFCFCF



4F4F4F



# Same Dimension

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



78456B



9C4C87



784552



3D373C



7D005D



FC00BC



# Inverse Universe

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



78456B



9C4C87



45786B



3D373C



7D005D

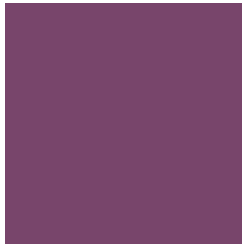


FC00BC



# Previews

## White Background



This preview shows how the Hex color 78456B looks on a white background.

## Color Contrast Check

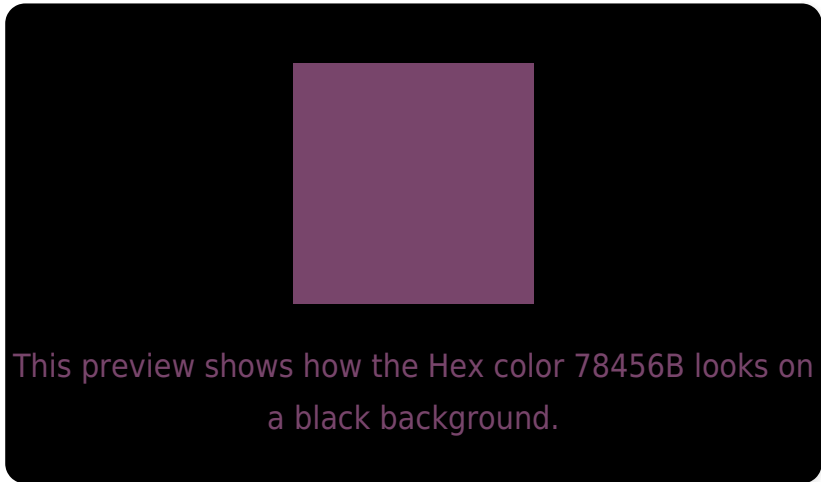
Large Text (above 18pt) WCAG AA ✓ Pass

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

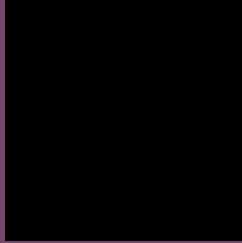
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 78456B Background



This preview shows how black text looks on a background with the Hex color 78456B.



This preview shows how white text looks on a background with the Hex color 78456B.

# 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**  
754B50

# Trichromacy



**Original Color**  
78456B

**Protanomaly**  
5D4F73

**Deuteranomaly**  
624F69

**Tritanomaly**  
76495A

# Monochromacy



**Original Color**  
78456B

**Achromatopsia**  
595959

**Achromatomaly**  
645260

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78456B 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 #78456B looks like.

```
.text, #text, p{  
    color:#78456B  
}
```

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 #78456B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78456B
}
```

## Border

The CSS property to change the border of an element to Hex 78456B 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
#78456B }
```

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

```
.border{ border-color:#78456B }
```

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

Here you see how a box with a 4 pixel #78456B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78456B; -webkit-box-shadow:4px 4px  
4px 4px #78456B; box-shadow:4px 4px 4px  
4px #78456B }
```

# Background

The CSS property to change the background color of an element to Hex 78456B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78456B }
```

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

```
.background{ background-color:#78456B }
```

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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