

# Converting Colors

Hex(78565A)

Have a look what the booklet for  
Hex(78565A) contains.

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**Color**

**Hex(78565A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78565A
RGB	120, 86, 90
RGB Percent	47%, 34%, 35%
CMY	0.5294, 0.6627, 0.6471
CMYK	0.00, 0.28, 0.25, 0.53
HSL	353°, 17%, 40%
HSV	353°, 28%, 47%
XYZ	12.9190, 11.3868, 11.1898
YIQ	96.6220, 18.9800, 8.4520

# Conversions

## Conversions Part 2

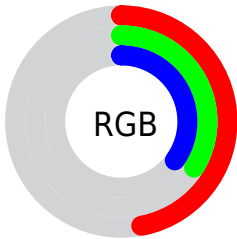
Format	Color
R <sub>Y</sub> B	120, 86, 90
Decimal	7886426
CIE Lab	40.22, 14.73, 3.26
CIE LCh	40, 15.088, 12.470
Yxy	11.3868, 0.3640, 0.3208
Android (android.graphics.Color)	4286076506 (0xFF78565A)
YUV	96.6220, -3.2646, 20.5025
Hunter-Lab	33.7444, 9.2858, 3.9602

# Details

The Hex color **78565A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **567874**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **AD888C**, and **46282D** is the 20% darker color. If you saturate the color by 10%, you get **784A4F**, and if you desaturate by 10%, it is **786265**.

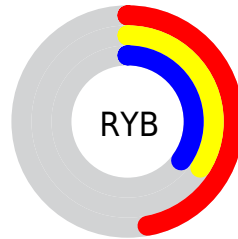
# Distribution



Red (47%)

Green (34%)

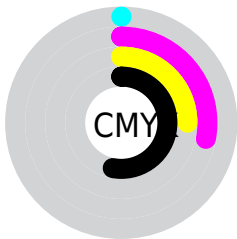
Blue (35%)



Red (47%)

Yellow (34%)

Blue (35%)

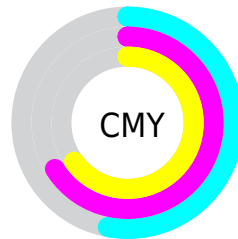


Cyan (0%)

Magenta (28%)

Yellow (25%)

Black (53%)



Cyan (53%)

Magenta (66%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78565A 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 78565A by changing the saturation by 10% instead.



 78565A

 78565A

FFFFFF

 5F3F43

 AD888C

 46282D

 C9A2A6

 2F1318

 E5BDC1

 1D0001

 FFD9DD

 000000

 FFF6FA

 78565A

 78565A

 784A4F

 786265

 783E45

 786E6F

 78323A

 787A7A

 782630

 788684

 781A25

 78928F

 780E1A

 789E9A

 780210

 78AAA4

 78000E

 78B6AF

 78C2B9

# Harmonies

## Analogous

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



735767



78565A



76584F

# Triad

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



78565A



55634C



476276

# Complementary

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



78565A



567874

# 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.



3D656F



78565A



476557

# Square

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



78565A



636047



3D6664



575E77

# Rectangle

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



78565A



725A49



3D6664



426374



# Sweetspot

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



78565A



9C8E8F



735678



4F4647



CFCFCF



4F4F4F



# Same Dimension

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



78565A



9C676D



786256



3D3738



7D000F



FC001E



# Inverse Universe

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



78565A



9C676D



566C78



3D3738



7D000F

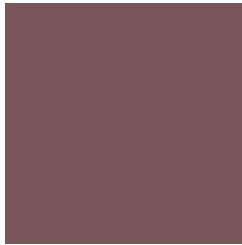


FC001E



# Previews

## White Background



This preview shows how the Hex color 78565A looks on a white background.

## Color Contrast Check

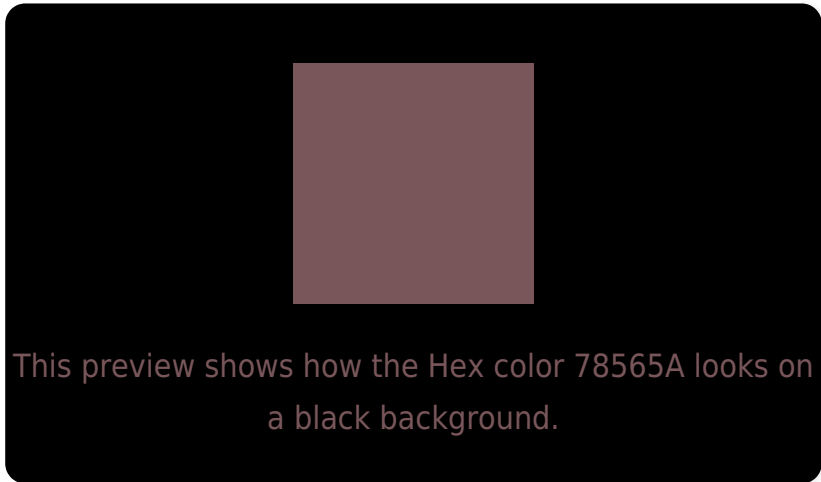
Large Text (above 18pt) WCAG AA ✓ Pass

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

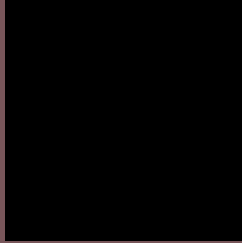
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 78565A Background



This preview shows how black text looks on a background with the Hex color 78565A.



This preview shows how white text looks on a background with the Hex color 78565A.

# 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**  
78565A

**Protanopia**  
615F5F

**Deuteranopia**  
6B5C59



**Tritanopia**  
78565C

# Trichromacy



**Original Color**  
78565A

**Protanomaly**  
695C5D

**Deuteranomaly**  
705A59

**Tritanomaly**  
78565B

# Monochromacy



**Original Color**  
78565A

**Achromatopsia**  
616161

**Achromatomaly**  
695D5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78565A 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 #78565A looks like.

```
.text, #text, p{  
    color:#78565A  
}
```

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 #78565A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78565A
}
```

## Border

The CSS property to change the border of an element to Hex 78565A is called "border". The border property can be set on classes, ids or directly on the HTML element.

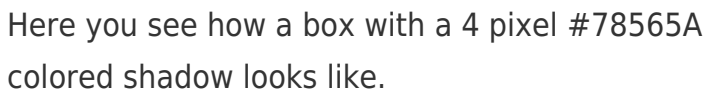
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78565A }
```

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

```
.border{ border-color:#78565A }
```

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



Here you see how a box with a 4 pixel #78565A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78565A; -webkit-box-shadow:4px 4px  
4px 4px #78565A; box-shadow:4px 4px 4px  
4px #78565A }
```

# Background

The CSS property to change the background color of an element to Hex 78565A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78565A }
```

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

```
.background{ background-color:#78565A }
```

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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