

# Converting Colors

Hex(775E78)

Have a look what the booklet for  
Hex(775E78) contains.

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# Color

**Hex(775E78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	775E78
RGB	119, 94, 120
RGB Percent	47%, 37%, 47%
CMY	0.5333, 0.6314, 0.5294
CMYK	0.01, 0.22, 0.00, 0.53
HSL	298°, 12%, 42%
HSV	298°, 22%, 47%
XYZ	15.0006, 13.2834, 19.5426
YIQ	104.4390, 6.5540, 13.3860

# Conversions

## Conversions Part 2

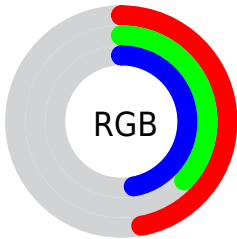
Format	Color
R <sub>Y</sub> B	119, 94, 120
Decimal	7822968
CIE Lab	43.19, 15.09, -10.77
CIE LCh	43, 18.537, 324.482
Yxy	13.2834, 0.3136, 0.2777
Android (android.graphics.Color)	4286013048 (0xFF775E78)
YUV	104.4390, 7.6716, 12.7700
Hunter-Lab	36.4464, 9.6858, -6.2789

# Details

The Hex color **775E78** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **5F785E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AB91AC**, and **463048** is the 20% darker color. If you saturate the color by 10%, you get **775278**, and if you desaturate by 10%, it is **776A78**.

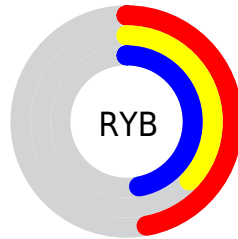
# Distribution



Red (47%)

Green (37%)

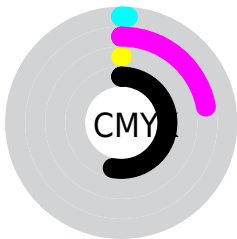
Blue (47%)



Red (47%)

Yellow (37%)

Blue (47%)

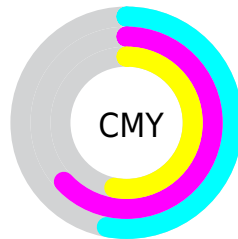


Cyan (1%)

Magenta (22%)

Yellow (0%)

Black (53%)



Cyan (53%)

Magenta (63%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 775E78 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 775E78 by changing the saturation by 10% instead.



■ 775E78

■ 775E78

FFFFFF

■ 5E465F

■ AB91AC

■ 463048

■ C7ABC8

■ 2F1A31

■ E3C6E4

■ 1C011C

■ FFE3FF

■ 000000

■ 775E78

■ 775E78

■ 775278

■ 776A78

■ 764678

■ 787678

■ 763A78

■ 788278

752E78

798E78

752278

799A78

741678

7AA678

740A78

7AB278

730078

7BBE78

7BCA78

# Harmonies

## Analogous

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



656382



775E78



825B69

# Triad

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



775E78



746448



386E72

# Complementary

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



775E78



5F785E

# 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.



426E63



775E78



64694A

# Square

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



775E78



805F4E



526D54



3D6C7E

# Rectangle

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



775E78



855B5F



526D54



3A6F6D



# Sweetspot

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



775E78



9B919C



5E5F78



4F494F



CFCFCF



4F4F4F



# Same Dimension

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



775E78



9A739C



785E6C



3D373D



78007D



F300FC



# Inverse Universe

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



785E5F



9C7375



5E786A



3D3737



7D0005



FC000A



# Previews

## White Background



This preview shows how the Hex color 775E78 looks on a white background.

## Color Contrast Check

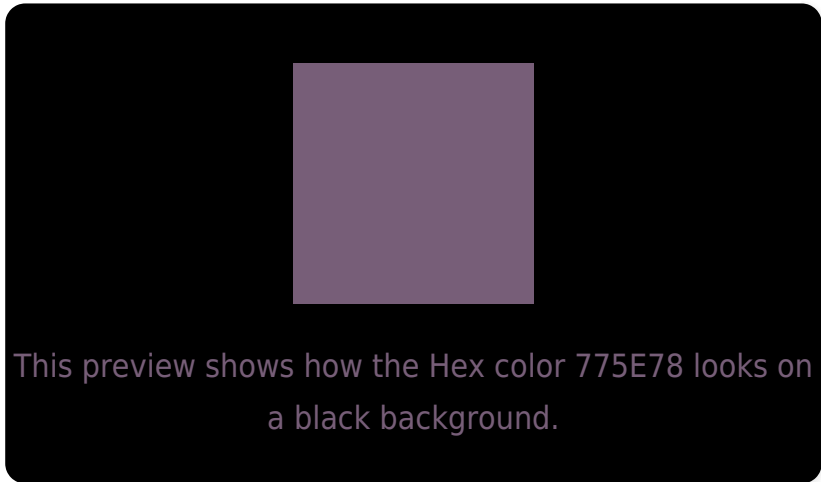
Large Text (above 18pt) WCAG AA ✓ Pass

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

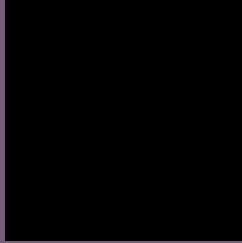
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 775E78 Background



This preview shows how black text looks on a background with the Hex color 775E78.



This preview shows how white text looks on a background with the Hex color 775E78.

# 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**  
775E78

**Protanopia**  
61657D

**Deuteranopia**  
686477



**Tritanopia**  
756168

# Trichromacy



**Original Color**  
775E78

**Protanomaly**  
69627B

**Deuteranomaly**  
6D6277

**Tritanomaly**  
76606E

# Monochromacy



**Original Color**  
775E78

**Achromatopsia**  
686868

**Achromatomaly**  
6D646E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 775E78 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 #775E78 looks like.

```
.text, #text, p{  
    color:#775E78  
}
```

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 #775E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #775E78
}
```

## Border

The CSS property to change the border of an element to Hex 775E78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

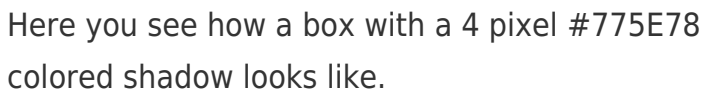
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#775E78 }
```

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

```
.border{ border-color:#775E78 }
```

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



Here you see how a box with a 4 pixel #775E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #775E78; -webkit-box-shadow:4px 4px  
4px 4px #775E78; box-shadow:4px 4px 4px  
4px #775E78 }
```

# Background

The CSS property to change the background color of an element to Hex 775E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#775E78 }
```

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

```
.background{ background-color:#775E78 }
```

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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