

# Converting Colors

Hex(778387)

Have a look what the booklet for  
Hex(778387) contains.

<b>Hex(778387)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(778387)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	778387
RGB	119, 131, 135
RGB Percent	47%, 51%, 53%
CMY	0.5333, 0.4863, 0.4706
CMYK	0.12, 0.03, 0.00, 0.47
HSL	195°, 6%, 50%
HSV	195°, 12%, 53%
XYZ	20.0972, 21.9038, 26.0903
YIQ	127.8680, -8.4360, -1.3000

# Conversions

## Conversions Part 2

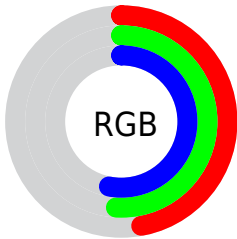
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 126, 135
Decimal	7832455
CIE Lab	53.92, -3.52, -3.66
CIE LCh	54, 5.083, 226.112
Yxy	21.9038, 0.2952, 0.3217
Android (android.graphics.Color)	4286022535 (0xFF778387)
YUV	127.8680, 3.5161, -7.7772
Hunter-Lab	46.8015, -5.2522, -0.2912

# Details

The Hex color **778387** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **877B77**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **ABB8BC**, and **465255** is the 20% darker color. If you saturate the color by 10%, you get **6A8087**, and if you desaturate by 10%, it is **858687**.

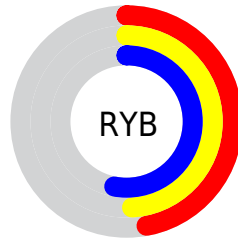
# Distribution



Red (47%)

Green (51%)

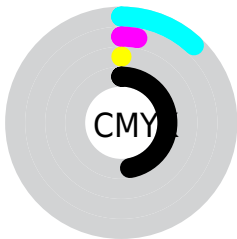
Blue (53%)



Red (47%)

Yellow (49%)

Blue (53%)

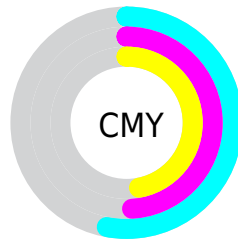


Cyan (12%)

Magenta (3%)

Yellow (0%)

Black (47%)



Cyan (53%)

Magenta (49%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 778387 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 778387 by changing the saturation by 10% instead.



■ 778387

■ 778387

FFFFFF

■ 5E6A6E

■ ABB8BC

■ 465255

■ C7D4D8

■ 303B3E

■ E3F0F4

■ 1B2528

■ 011014

■ 000000

■ 778387

■ 778387

■ 6A8087

■ 858687

■ 5C7C87

■ 928A87

4F7987

A08D87

417587

AD9187

347287

BB9487

266F87

C89787

196B87

D69B87

0B6887

E39E87

006587

F1A187

# Harmonies

## Analogous

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



768483



778387



7A8289

# Triad

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



778387



897E83



828178

# Complementary

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



778387



877B77

# 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.



878078



778387



8B7E7F

# Square

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



778387



857F87



8A7F7B



7D837B

# Rectangle

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



778387



7E8189



8A7F7B



848178



# Sweetspot

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



778387



A9AEB0



77877B



555859



D9D9D9



595959



# Same Dimension

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



778387



97AAB0



777B87



3C4142



006282



000203



# Inverse Universe

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



877783



B097AA



878377



423C41



820062



030002



# Previews

## White Background



This preview shows how the Hex color 778387 looks on a white background.

## Color Contrast Check

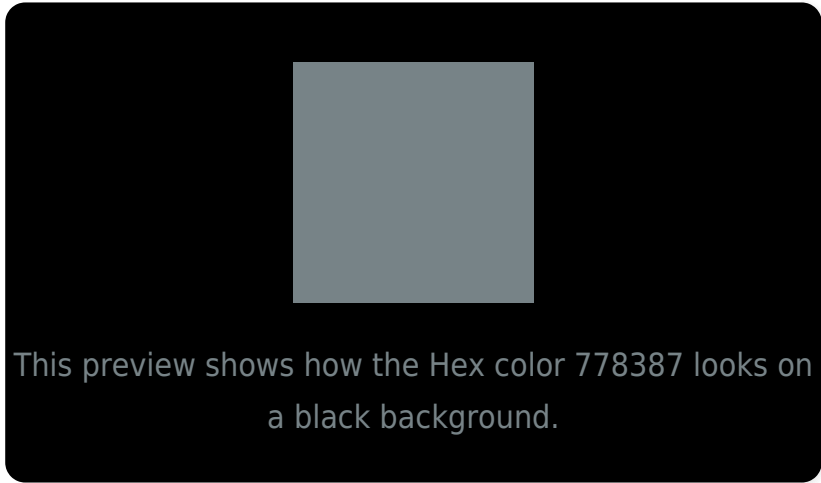
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

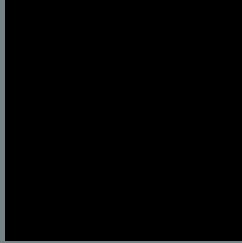
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

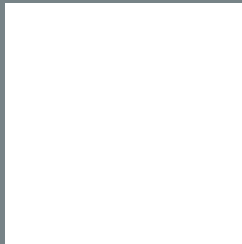
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 778387 Background



This preview shows how black text looks on a background with the Hex color 778387.



This preview shows how white text looks on a background with the Hex color 778387.

# 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](#).

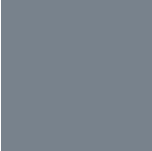
## Dichromacy



**Original Color**  
778387

**Protanopia**  
828085

**Deuteranopia**  
8A7D88



**Tritanopia**  
78828C

# Trichromacy



**Original Color**  
778387

**Protanomaly**  
7E8186

**Deuteranomaly**  
837F88

**Tritanomaly**  
78828A

# Monochromacy



**Original Color**  
778387

**Achromatopsia**  
808080

**Achromatomaly**  
7D8183

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 778387 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 #778387 looks like.

```
.text, #text, p{  
    color:#778387  
}
```

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 #778387 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778387
}
```

## Border

The CSS property to change the border of an element to Hex 778387 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
#778387 }
```

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

```
.border{ border-color:#778387 }
```

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

Here you see how a box with a 4 pixel #778387 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778387; -webkit-box-shadow:4px 4px  
4px 4px #778387; box-shadow:4px 4px 4px  
4px #778387 }
```

# Background

The CSS property to change the background color of an element to Hex 778387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778387 }
```

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

```
.background{ background-color:#778387 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor