

# Converting Colors

Hex(767C83)

Have a look what the booklet for  
Hex(767C83) contains.

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# Color

Hex(767C83)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	767C83
RGB	118, 124, 131
RGB Percent	46%, 49%, 51%
CMY	0.5373, 0.5137, 0.4863
CMYK	0.10, 0.05, 0.00, 0.49
HSL	212°, 5%, 49%
HSV	212°, 10%, 51%
XYZ	18.7756, 19.9055, 24.3253
YIQ	123.0040, -5.8230, 0.9050

# Conversions

## Conversions Part 2

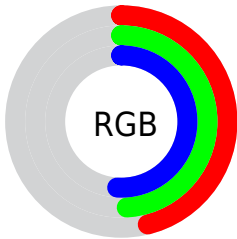
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 122, 131
Decimal	7765123
CIE Lab	51.73, -0.74, -4.58
CIE LCh	52, 4.640, 260.789
Yxy	19.9055, 0.2980, 0.3159
Android (android.graphics.Color)	4285955203 (0xFF767C83)
YUV	123.0040, 3.9420, -4.3885
Hunter-Lab	44.6156, -2.9592, -1.0951

# Details

The Hex color **767C83** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **837D76**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **AAB0B8**, and **464B52** is the 20% darker color. If you saturate the color by 10%, you get **697583**, and if you desaturate by 10%, it is **838383**.

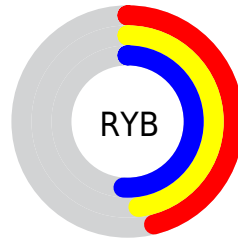
# Distribution



Red (46%)

Green (49%)

Blue (51%)



Red (46%)

Yellow (48%)

Blue (51%)

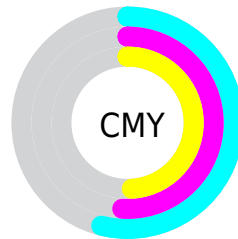


Cyan (10%)

Magenta (5%)

Yellow (0%)

Black (49%)



Cyan (54%)

Magenta (51%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 767C83 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 767C83 by changing the saturation by 10% instead.



■ 767C83

■ 767C83

FFFFFF

■ 5D636A

■ AAB0B8

■ 464B52

■ C5CCD4

■ 2F353B

■ E1E8F0

■ 1A2025

FEFFFF

■ 000710

■ 000000

■ 767C83

■ 767C83

■ 697583

■ 838383

■ 5C6E83

■ 908A83

■ 4F6783

■ 9D9183

■ 426083

■ AA9883

■ 355983

■ B89F83

■ 275283

■ C5A683

■ 1A4B83

■ D2AD83

■ 0D4483

■ DFB483

■ 003D83

■ ECBB83

# Harmonies

## Analogous

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



737D81



767C83



7B7B83

# Triad

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



767C83



847979



777D76

# Complementary

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



767C83



837D76

# 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.



7C7C74



767C83



837975

# Square

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



767C83



83797D



807B74



737E7A

# Rectangle

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



767C83



7E7A81



807B74



797D75



# Sweetspot

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



767C83



A6A8AB



76837D



535557



D6D6D6



575757



# Same Dimension

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



767C83



96A0AB



767683



3C3F42



003C82



000103



# Inverse Universe

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



83767C



AB96A0



838376



423C3F



82003C



030001



# Previews

## White Background



This preview shows how the Hex color 767C83 looks on a white background.

## Color Contrast Check

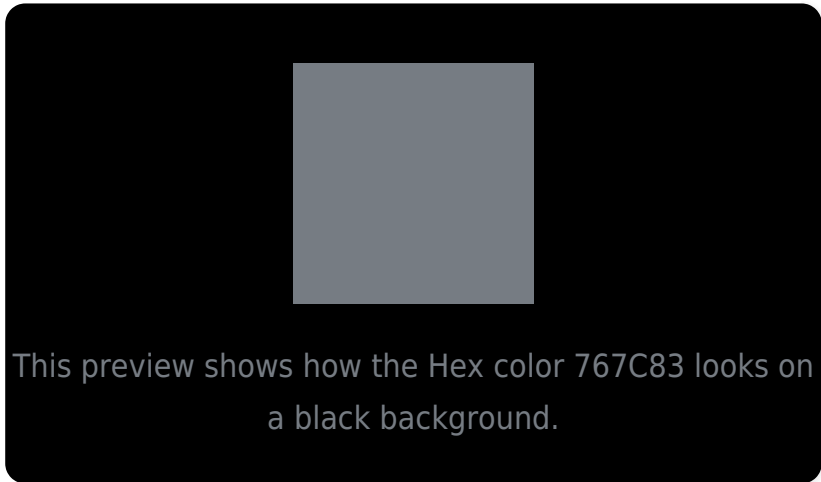
Large Text (above 18pt) WCAG AA ✓ Pass

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

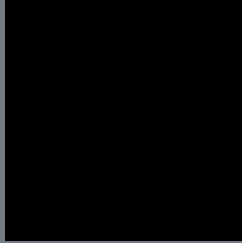
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

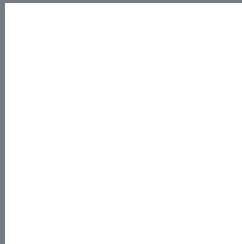
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 767C83 Background



This preview shows how black text looks on a background with the Hex color 767C83.



This preview shows how white text looks on a background with the Hex color 767C83.

# 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**

767C83

**Protanopia**

7B7A82

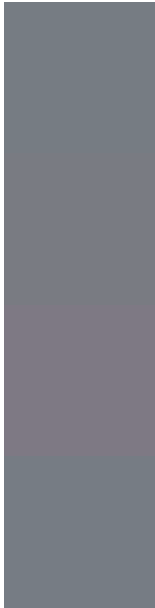
**Deuteranopia**

837884



**Tritanopia**  
767C85

# Trichromacy



**Original Color**  
767C83

**Protanomaly**  
797B82

**Deuteranomaly**  
7E7984

**Tritanomaly**  
767C84

# Monochromacy



**Original Color**  
767C83

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
797B7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 767C83 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 #767C83 looks like.

```
.text, #text, p{  
    color:#767C83  
}
```

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 #767C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767C83
}
```

## Border

The CSS property to change the border of an element to Hex 767C83 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
#767C83 }
```

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

```
.border{ border-color:#767C83 }
```

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

Here you see how a box with a 4 pixel #767C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767C83; -webkit-box-shadow:4px 4px  
4px 4px #767C83; box-shadow:4px 4px 4px  
4px #767C83 }
```

# Background

The CSS property to change the background color of an element to Hex 767C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767C83 }
```

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

```
.background{ background-color:#767C83 }
```

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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