

# Converting Colors

Hex(737B79)

Have a look what the booklet for  
Hex(737B79) contains.

<b>Hex(737B79)</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(737B79)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	737B79
RGB	115, 123, 121
RGB Percent	45%, 48%, 47%
CMY	0.5490, 0.5176, 0.5255
CMYK	0.07, 0.00, 0.02, 0.52
HSL	165°, 3%, 47%
HSV	165°, 7%, 48%
XYZ	17.6044, 19.1912, 20.8656
YIQ	120.3800, -4.1260, -2.3180

# Conversions

## Conversions Part 2

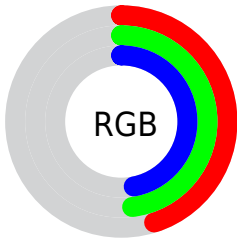
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 120, 123
Decimal	7568249
CIE Lab	50.91, -3.39, 0.06
CIE LCh	51, 3.394, 179.055
Yxy	19.1912, 0.3053, 0.3328
Android (android.graphics.Color)	4285758329 (0xFF737B79)
YUV	120.3800, 0.3057, -4.7183
Hunter-Lab	43.8078, -4.9325, 2.4257

# Details

The Hex color **737B79** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B7375**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A7AFAD**, and **434A49** is the 20% darker color. If you saturate the color by 10%, you get **677B76**, and if you desaturate by 10%, it is **7F7B7C**.

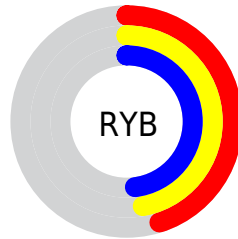
# Distribution



Red (45%)

Green (48%)

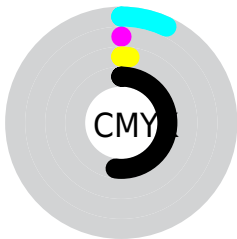
Blue (47%)



Red (45%)

Yellow (47%)

Blue (48%)

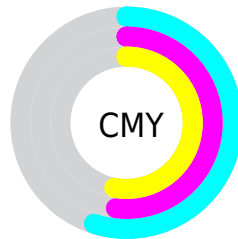


Cyan (7%)

Magenta (0%)

Yellow (2%)

Black (52%)



Cyan (55%)

Magenta (52%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 737B79 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 737B79 by changing the saturation by 10% instead.





737B79



737B79

FFFFFF



5A6260



A7AFAD



434A49



C2CBC9



2D3432



DEE7E5



181F1D



FBFFFF



000603



000000



737B79



737B79



677B76



7F7B7C



5A7B73



8C7B7F

■ 4E7B70

■ 987B82

■ 427B6D

■ A47B85

■ 367B6A

■ B17B88

■ 297B67

■ BD7B8B

■ 1D7B63

■ C97B8F

■ 117B60

■ D57B92

■ 047B5D

■ E27B95

# Harmonies

## Analogous

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



757B76



737B79



727B7C

# Triad

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



737B79



7A797E



7E7874

# Complementary

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



737B79



7B7375

# 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.



807777



737B79



7D787C

# Square

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



737B79



76797F



7F7779



7C7973

# Rectangle

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



737B79



737B7D



7F7779



7F7875



# Sweetspot

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



737B79



9DA1A0



757B73



505251



D1D1D1



525252



# Same Dimension

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



737B79



94A19D



73797B



373D3C



007D5E



00FCBD



# Inverse Universe

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



7B7375



A19497



7B7573



3D3739



7D001F



FC003F



# Previews

## White Background



This preview shows how the Hex color 737B79 looks on a white background.

## Color Contrast Check

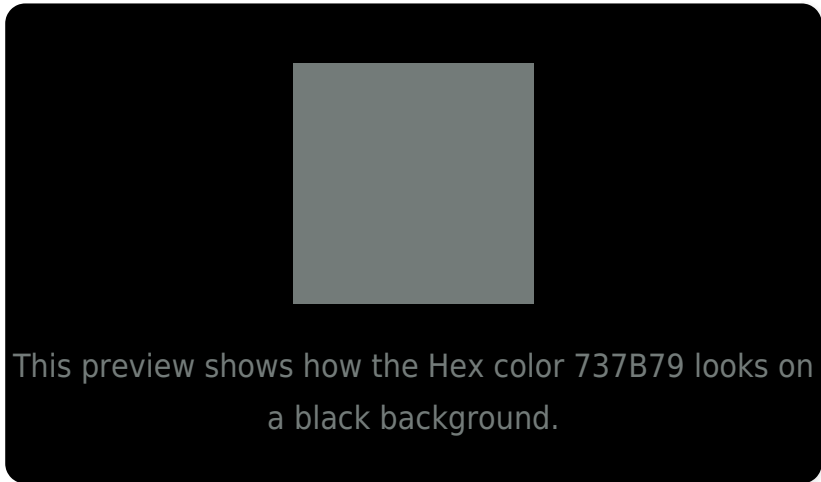
Large Text (above 18pt) WCAG AA ✓ Pass

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

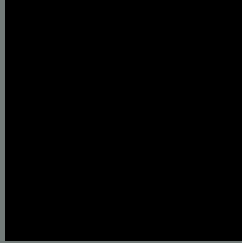
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

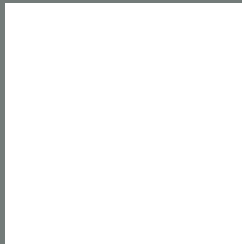
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 737B79 Background



This preview shows how black text looks on a background with the Hex color 737B79.



This preview shows how white text looks on a background with the Hex color 737B79.

# 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**  
737B79

**Protanopia**  
7C7978

**Deuteranopia**  
84757A



**Tritanopia**  
757983

# Trichromacy



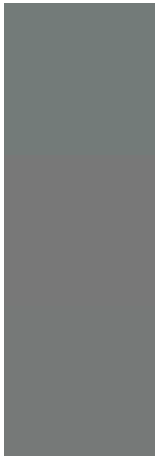
**Original Color**  
737B79

**Protanomaly**  
797A78

**Deuteranomaly**  
7E777A

**Tritanomaly**  
747A7F

# Monochromacy



**Original Color**  
737B79

**Achromatopsia**  
787878

**Achromatomaly**  
767978

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 737B79 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 #737B79 looks like.

```
.text, #text, p{  
    color:#737B79  
}
```

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 #737B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737B79
}
```

## Border

The CSS property to change the border of an element to Hex 737B79 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
#737B79 }
```

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

```
.border{ border-color:#737B79 }
```

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

Here you see how a box with a 4 pixel #737B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737B79; -webkit-box-shadow:4px 4px  
4px 4px #737B79; box-shadow:4px 4px 4px  
4px #737B79 }
```

# Background

The CSS property to change the background color of an element to Hex 737B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737B79 }
```

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

```
.background{ background-color:#737B79 }
```

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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