

# Converting Colors

Hex(737F97)

Have a look what the booklet for  
Hex(737F97) contains.

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# Color

**Hex(737F97)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	737F97
RGB	115, 127, 151
RGB Percent	45%, 50%, 59%
CMY	0.5490, 0.5020, 0.4078
CMYK	0.24, 0.16, 0.00, 0.41
HSL	220°, 15%, 52%
HSV	220°, 24%, 59%
XYZ	20.2455, 21.0579, 32.2757
YIQ	126.1480, -14.8560, 4.9200

# Conversions

## Conversions Part 2

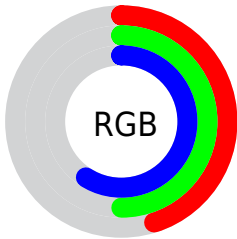
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 124, 151
Decimal	7569303
CIE <sub>Lab</sub>	53.01, 1.14, -14.37
CIE <sub>LCh</sub>	53, 14.410, 274.529
Yxy	21.0579, 0.2752, 0.2862
Android (android.graphics.Color)	4285759383 (0xFF737F97)
YUV	126.1480, 12.2520, -9.7768
Hunter-Lab	45.8889, -1.5541, -9.5790

# Details

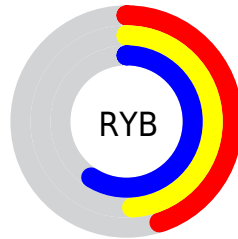
The Hex color `737F97` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `978B73`, and the grayscale version is `7E7E7E`.

A 20% lighter version of the original color is `A7B4CD`, and `424E64` is the 20% darker color. If you saturate the color by 10%, you get `647597`, and if you desaturate by 10%, it is `828997`.

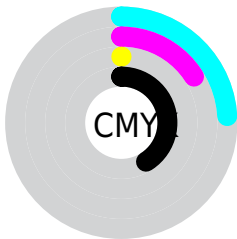
# Distribution



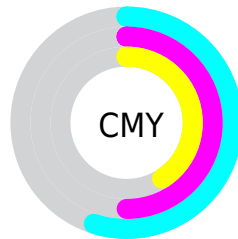
- Red (45%)
- Green (50%)
- Blue (59%)



- Red (45%)
- Yellow (49%)
- Blue (59%)



- Cyan (24%)
- Magenta (16%)
- Yellow (0%)
- Black (41%)



- Cyan (55%)
- Magenta (50%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 737F97 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 737F97 by changing the saturation by 10% instead.



■ 737F97

■ 737F97

FFFFFF

■ 5A667D

■ A7B4CD

■ 424E64

■ C3CFE9

■ 2B374C

■ DFEBFF

■ 152235

■ FCFFFF

■ 000B20

■ 000006

■ 000000

■ 737F97

■ 737F97

■ 647597

■ 828997

■ 556B97

■ 919397

■ 466197

■ A09D97

■ 375797

■ AFA797

■ 284D97

■ BFB197

■ 184397

■ CEBB97

■ 093997

■ DDC597

■ 003297

■ ECD097

■ FBDA97

# Harmonies

## Analogous

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



658395



737F97



837B93

# Triad

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



737F97



987771



6B8574

# Complementary

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



737F97



978B73

# 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.



79826A



737F97



927A69

# Square

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



737F97



98767D



867E66



608680

# Rectangle

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



737F97



8D788D



867E66



6F8470

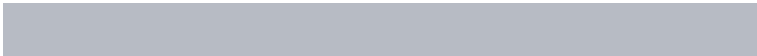


# Sweetspot

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



737F97



B7BBC4



73978B



5B5E63



E3E3E3



636363



# Same Dimension

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



737F97



8B9EC4



797397



45474D



002F8C



00040D



# Inverse Universe

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



97737F



C48B9E



919773



4D4547



8C002F

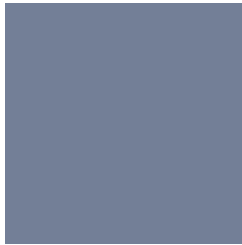


0D0004



# Previews

## White Background



This preview shows how the Hex color 737F97 looks on a white background.

## Color Contrast Check

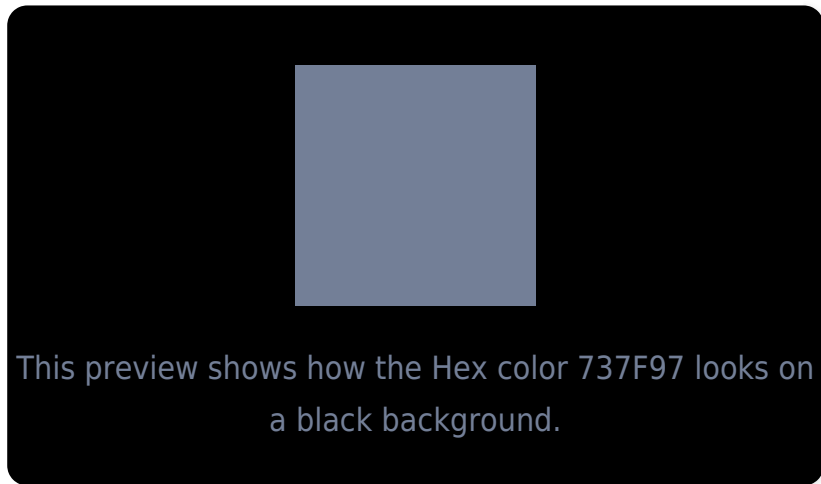
Large Text (above 18pt) WCAG AA ✓ Pass

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

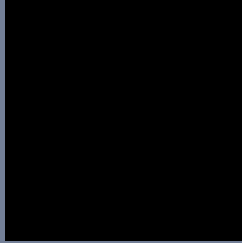
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

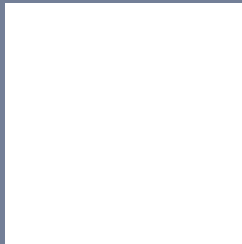
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 737F97 Background



This preview shows how black text looks on a background with the Hex color 737F97.



This preview shows how white text looks on a background with the Hex color 737F97.

# 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**

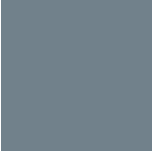
737F97

**Protanopia**

797D96

**Deuteranopia**

7E7C98



**Tritanopia**  
71818B

# Trichromacy



**Original Color**

737F97

**Protanomaly**

777E96

**Deuteranomaly**

7A7D98

**Tritanomaly**

72808F

# Monochromacy



**Original Color**

737F97

**Achromatopsia**

7E7E7E

**Achromatomaly**

7A7E87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 737F97 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 #737F97 looks like.

```
.text, #text, p{  
    color:#737F97  
}
```

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 #737F97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737F97
}
```

## Border

The CSS property to change the border of an element to Hex 737F97 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
#737F97 }
```

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

```
.border{ border-color:#737F97 }
```

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

Here you see how a box with a 4 pixel #737F97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737F97; -webkit-box-shadow:4px 4px  
4px 4px #737F97; box-shadow:4px 4px 4px  
4px #737F97 }
```

# Background

The CSS property to change the background color of an element to Hex 737F97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737F97 }
```

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

```
.background{ background-color:#737F97 }
```

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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