

Converting Colors

Hex(637C74)

Have a look what the booklet for
Hex(637C74) contains.

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Color

Hex(637C74)

Conversions

Conversions Part 1

Format	Color
Hex	637C74
RGB	99, 124, 116
RGB Percent	39%, 49%, 45%
CMY	0.6118, 0.5137, 0.5451
CMYK	0.20, 0.00, 0.06, 0.51
HSL	161°, 11%, 44%
HSV	161°, 20%, 49%
XYZ	15.5056, 18.3289, 19.2436
YIQ	115.6130, -12.3320, -7.7880

Conversions

Conversions Part 2

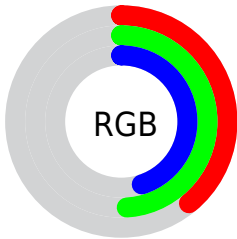
Format	Color
R_{YB}	99, 114, 124
Decimal	6519924
CIE _{Lab}	49.89, -10.82, 1.37
CIE _{LCh}	50, 10.902, 172.780
Yxy	18.3289, 0.2921, 0.3453
Android (android.graphics.Color)	4284710004 (0xFF637C74)
YUV	115.6130, 0.1908, -14.5696
Hunter-Lab	42.8123, -10.2729, 3.3185

Details

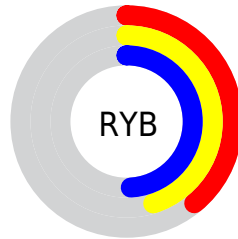
The Hex color **637C74** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C636B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **96B1A8**, and **344B44** is the 20% darker color. If you saturate the color by 10%, you get **577C70**, and if you desaturate by 10%, it is **6F7C78**.

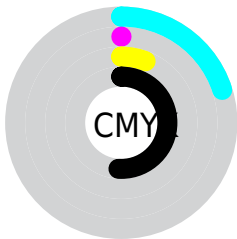
Distribution



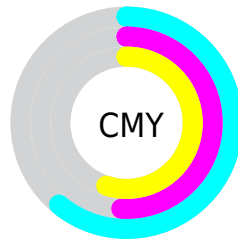
- Red (39%)
- Green (49%)
- Blue (45%)



- Red (39%)
- Yellow (45%)
- Blue (49%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (51%)



- Cyan (61%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637C74 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 637C74 by changing the saturation by 10% instead.



637C74



637C74

FFFFFF



4B635B



96B1A8



344B44



B1CCC3



1E342E



CDE8DF



091F19



E9FFFC



000000



637C74



637C74



577C70



6F7C78



4A7C6C



7C7C7C



3E7C68



887C80

■ 317C64

■ 957C84

■ 257C60

■ A17C88

■ 197C5C

■ AD7C8C

■ 0C7C58

■ BA7C90

■ 007C54

■ C67C94

■ D37C98

Harmonies

Analogous

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



6C7B6B



637C74



5F7C7D

Triad

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



637C74



767588



887268

Complementary

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



637C74



7C636B

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.



8A7170



637C74



817282

Square

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



637C74



6A7889



887179



807564

Rectangle

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



637C74



607B83



887179



89726A

Sweetspot

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



637C74



97A19E



6B7C63



4C5250



D1D1D1



525252

Same Dimension

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



637C74



7AA194



63787C



373D3B



007D55



00FCAC

Inverse Universe

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



7C636B



A17A86



7C6763



3D3739



7D0028



FC0051

Previews

White Background



This preview shows how the Hex color 637C74 looks on a white background.

Color Contrast Check

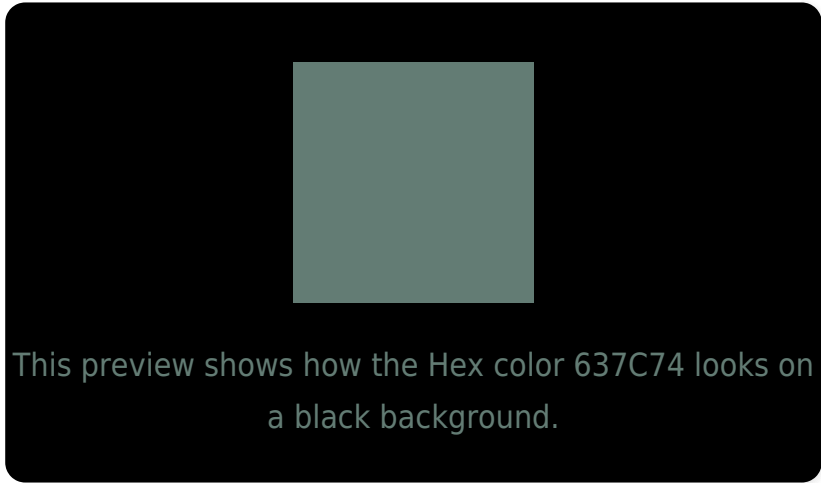
Large Text (above 18pt) WCAG AA ✓ Pass

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

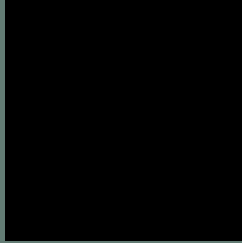
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

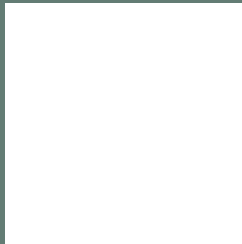
Any Text WCAG AAA × Fail

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

Hex 637C74 Background



This preview shows how black text looks on a background with the Hex color 637C74.

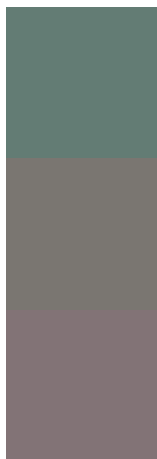


This preview shows how white text looks on a background with the Hex color 637C74.

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](#).

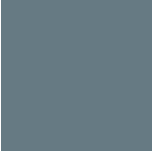
Dichromacy



Original Color
637C74

Protanopia
7A7671

Deuteranopia
827376



Tritanopia
667A83

Trichromacy



Original Color
637C74

Protanomaly
727872

Deuteranomaly
777675

Tritanomaly
657B7E

Monochromacy



Original Color
637C74

Achromatopsia
747474

Achromatomaly
6E7774

CSS Examples

Text

The CSS property to change the color of the text to Hex 637C74 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 #637C74 looks like.

```
.text, #text, p{  
    color:#637C74  
}
```

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 #637C74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637C74
}
```

Border

The CSS property to change the border of an element to Hex 637C74 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
#637C74 }
```

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

```
.border{ border-color:#637C74 }
```

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

Here you see how a box with a 4 pixel #637C74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637C74; -webkit-box-shadow:4px 4px  
4px 4px #637C74; box-shadow:4px 4px 4px  
4px #637C74 }
```

Background

The CSS property to change the background color of an element to Hex 637C74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637C74 }
```

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

```
.background{ background-color:#637C74 }
```

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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