

Converting Colors

Hex(637F83)

Have a look what the booklet for
Hex(637F83) contains.

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Color

Hex(637F83)

Conversions

Conversions Part 1

Format	Color
Hex	637F83
RGB	99, 127, 131
RGB Percent	39%, 50%, 51%
CMY	0.6118, 0.5020, 0.4863
CMYK	0.24, 0.03, 0.00, 0.49
HSL	187°, 14%, 45%
HSV	187°, 24%, 51%
XYZ	16.8317, 19.4701, 24.3437
YIQ	119.0840, -17.9720, -4.6920

Conversions

Conversions Part 2

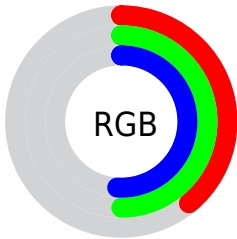
Format	Color
R_{YB}	99, 114, 131
Decimal	6520707
CIE _{Lab}	51.23, -9.02, -5.47
CIE _{LCh}	51, 10.545, 211.239
Yxy	19.4701, 0.2775, 0.3210
Android (android.graphics.Color)	4284710787 (0xFF637F83)
YUV	119.0840, 5.8746, -17.6137
Hunter-Lab	44.1249, -9.1288, -1.8228

Details

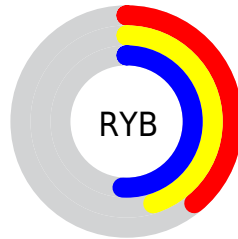
The Hex color **637F83** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **836763**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **96B4B8**, and **334E52** is the 20% darker color. If you saturate the color by 10%, you get **567D83**, and if you desaturate by 10%, it is **708183**.

Distribution



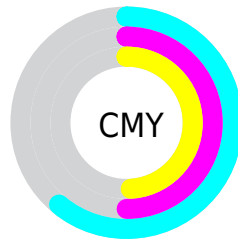
- Red (39%)
- Green (50%)
- Blue (51%)



- Red (39%)
- Yellow (45%)
- Blue (51%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (49%)



- Cyan (61%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637F83 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 637F83 by changing the saturation by 10% instead.



637F83



637F83

FFFFFF



4B666A



96B4B8



334E52



B1CFD4



1C373B



CDECF0



062225



E9FFFF



000910



000000



637F83



637F83



567D83



708183



497C83



7D8283

■ 3C7A83

■ 8A8483

■ 2F7883

■ 978683

■ 227783

■ A48783

■ 147583

■ B28983

■ 077483

■ BF8A83

■ 007383

■ CC8C83

■ D98E83

Harmonies

Analogous

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



657F7A



637F83



677D89

Triad

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



637F83



867583



817A68

Complementary

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



637F83



836763

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.



89776B



637F83



8C747A

Square

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



637F83



7C7889



8D7571



777C6B

Rectangle

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



637F83



6D7C8C



8D7571



847968

Sweetspot

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



637F83



9FA9AB



638367



505657



D6D6D6



575757

Same Dimension

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



637F83



79A5AB



636F83



3C4142



007282



000203

Inverse Universe

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



83637F



AB79A5



837763



423C41



820072



030002

Previews

White Background



This preview shows how the Hex color 637F83 looks on a white background.

Color Contrast Check

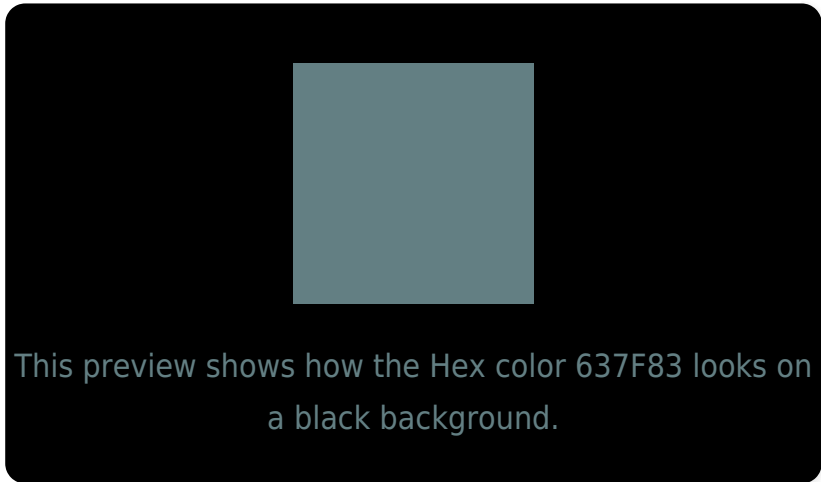
Large Text (above 18pt) WCAG AA ✓ Pass

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

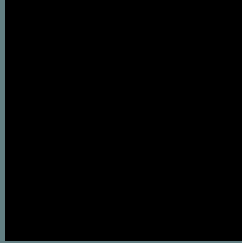
Any Text WCAG AA ✓ Pass

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 637F83 Background



This preview shows how black text looks on a background with the Hex color 637F83.



This preview shows how white text looks on a background with the Hex color 637F83.

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
637F83

Protanopia
7A797F

Deuteranopia
807685



Tritanopia
647E88

Trichromacy



Original Color
637F83

Protanomaly
727B80

Deuteranomaly
757984

Tritanomaly
647E86

Monochromacy



Original Color
637F83

Achromatopsia
777777

Achromatomaly
707A7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 637F83 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 #637F83 looks like.

```
.text, #text, p{  
    color:#637F83  
}
```

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 #637F83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637F83
}
```

Border

The CSS property to change the border of an element to Hex 637F83 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
#637F83 }
```

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

```
.border{ border-color:#637F83 }
```

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

Here you see how a box with a 4 pixel #637F83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637F83; -webkit-box-shadow:4px 4px  
4px 4px #637F83; box-shadow:4px 4px 4px  
4px #637F83 }
```

Background

The CSS property to change the background color of an element to Hex 637F83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637F83 }
```

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

```
.background{ background-color:#637F83 }
```

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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