

Converting Colors

Hex(657B83)

Have a look what the booklet for
Hex(657B83) contains.

Hex(657B83)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(657B83)

Conversions

Conversions Part 1

Format	Color
Hex	657B83
RGB	101, 123, 131
RGB Percent	40%, 48%, 51%
CMY	0.6039, 0.5176, 0.4863
CMYK	0.23, 0.06, 0.00, 0.49
HSL	196°, 13%, 45%
HSV	196°, 23%, 51%
XYZ	16.5465, 18.5713, 24.1853
YIQ	117.3340, -15.6800, -2.1760

Conversions

Conversions Part 2

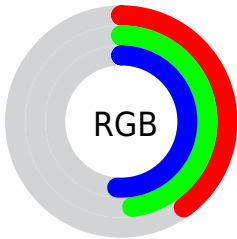
Format	Color
RYB	101, 114, 131
Decimal	6650755
CIELab	50.18, -6.08, -7.02
CIElCh	50, 9.285, 229.085
Yxy	18.5713, 0.2790, 0.3132
Android (android.graphics.Color)	4284840835 (0xFF657B83)
YUV	117.3340, 6.7373, -14.3249
Hunter-Lab	43.0944, -6.8785, -3.1083

Details

The Hex color **657B83** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **836D65**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **98AFB8**, and **354A52** is the 20% darker color. If you saturate the color by 10%, you get **587883**, and if you desaturate by 10%, it is **727E83**.

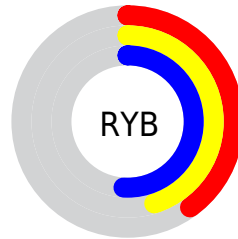
Distribution



Red (40%)

Green (48%)

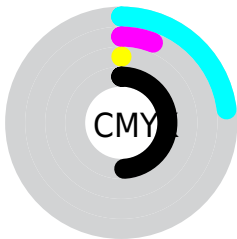
Blue (51%)



Red (40%)

Yellow (45%)

Blue (51%)

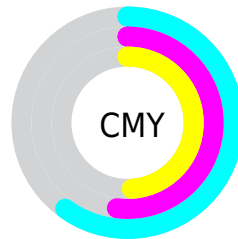


Cyan (23%)

Magenta (6%)

Yellow (0%)

Black (49%)



Cyan (60%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 657B83 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 657B83 by changing the saturation by 10% instead.

■ 657B83

■ 657B83

FFFFFF

■ 4D626A

■ 98AFB8

■ 354A52

■ B3CBD4

■ 1F343B

■ CFE7F0

■ 091F25

■ EBFFFF

■ 000210

■ 000000

■ 657B83

■ 657B83

■ 587883

■ 727E83

■ 4B7483

■ 7F8283

■ 3E7183

■ 8C8583

■ 316D83

■ 998983

■ 246A83

■ A78C83

■ 166683

■ B49083

■ 096383

■ C19383

■ 006083

■ CE9783

■ DB9A83

Harmonies

Analogous

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



647C7C



657B83



6C7987

Triad

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



657B83



86727B



787868

Complementary

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



657B83



836D65

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.



817668



657B83



887273

Square

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



657B83



7F7482



87746C



6F7B6D

Rectangle

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



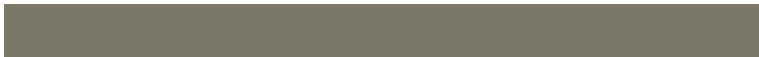
657B83



727787



87746C



7B7868

Sweetspot

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



657B83



9FA8AB



65836D



505557



D6D6D6



575757

Same Dimension

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



657B83



7D9FAB



656C83



3C4142



005F82



000203

Inverse Universe

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



83657B



AB7D9F



837C65



423C41



82005F



030002

Previews

White Background



This preview shows how the Hex color 657B83 looks on a white background.

Color Contrast Check

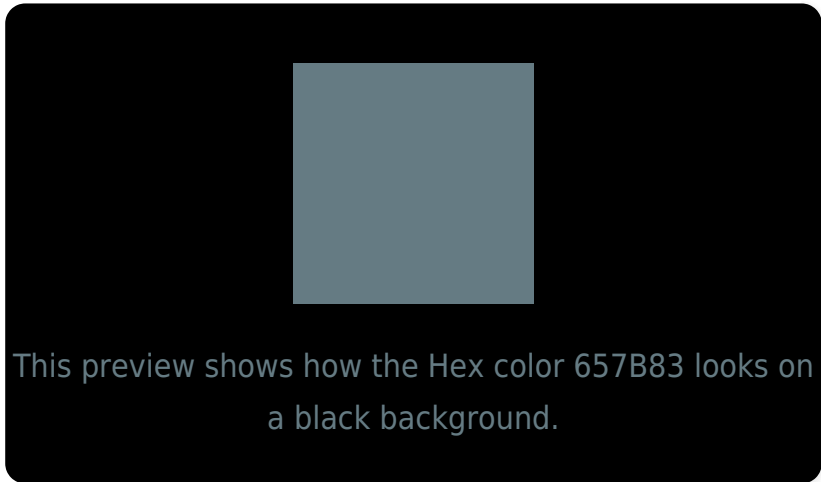
Large Text (above 18pt) WCAG AA ✓ Pass

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

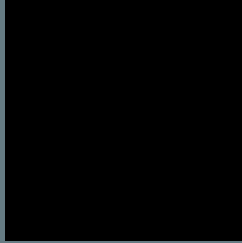
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

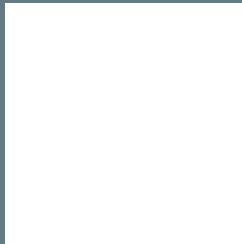
Any Text WCAG AAA × Fail

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

Hex 657B83 Background



This preview shows how black text looks on a background with the Hex color 657B83.

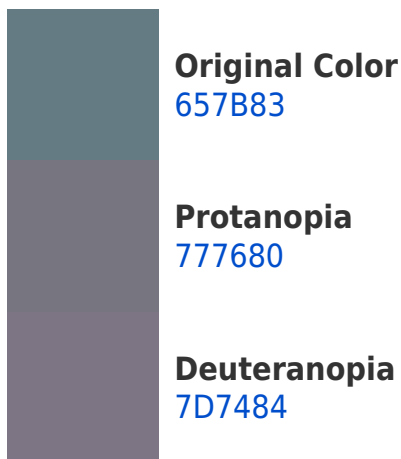


This preview shows how white text looks on a background with the Hex color 657B83.

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





Tritanopia
657B85

Trichromacy



Original Color
657B83

Protanomaly
707881

Deuteranomaly
747784

Tritanomaly
657B84

Monochromacy



Original Color
657B83

Achromatopsia
757575

Achromatomaly
6F777A

CSS Examples

Text

The CSS property to change the color of the text to Hex 657B83 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 #657B83 looks like.

```
.text, #text, p{  
    color:#657B83  
}
```

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 #657B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #657B83
}
```

Border

The CSS property to change the border of an element to Hex 657B83 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
#657B83 }
```

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

```
.border{ border-color:#657B83 }
```

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

Here you see how a box with a 4 pixel #657B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #657B83; -webkit-box-shadow:4px 4px  
4px 4px #657B83; box-shadow:4px 4px 4px  
4px #657B83 }
```

Background

The CSS property to change the background color of an element to Hex 657B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#657B83 }
```

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

```
.background{ background-color:#657B83 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor