

Converting Colors

Hex(50837C)

Have a look what the booklet for
Hex(50837C) contains.

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Color

Hex(50837C)

Conversions

Conversions Part 1

Format	Color
Hex	50837C
RGB	80, 131, 124
RGB Percent	31%, 51%, 49%
CMY	0.6863, 0.4863, 0.5137
CMYK	0.39, 0.00, 0.05, 0.49
HSL	172°, 24%, 41%
HSV	172°, 39%, 51%
XYZ	15.0627, 19.3933, 22.0182
YIQ	114.9530, -28.1490, -12.9890

Conversions

Conversions Part 2

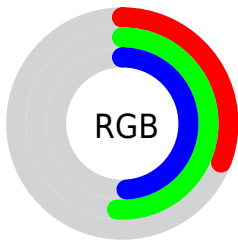
Format	Color
RYB	80, 107, 131
Decimal	5276540
CIELab	51.14, -18.84, -1.63
CIELCh	51, 18.908, 184.933
Yxy	19.3933, 0.2667, 0.3434
Android (android.graphics.Color)	4283466620 (0xFF50837C)
YUV	114.9530, 4.4602, -30.6538
Hunter-Lab	44.0378, -16.0123, 1.1825

Details

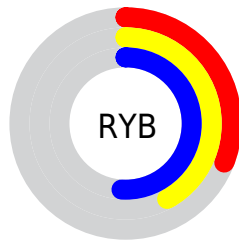
The Hex color **50837C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **835057**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **84B8B0**, and **1D514B** is the 20% darker color. If you saturate the color by 10%, you get **43837A**, and if you desaturate by 10%, it is **5D837E**.

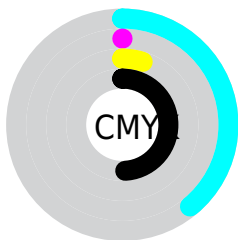
Distribution



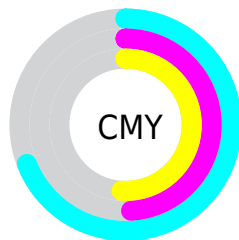
- Red (31%)
- Green (51%)
- Blue (49%)



- Red (31%)
- Yellow (42%)
- Blue (51%)



- Cyan (39%)
- Magenta (0%)
- Yellow (5%)
- Black (49%)



- Cyan (69%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50837C 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 50837C by changing the saturation by 10% instead.

■ 50837C

■ 50837C

FFFFFF

■ 376A63

■ 84B8B0

■ 1D514B

■ 9FD4CC

■ 003A35

■ BAF0E8

■ 002420

■ D6FFFF

■ 000808

■ F3FFFF

■ 000000

■ 50837C

■ 50837C

■ 43837A

■ 5D837E

■ 368378

■ 6A8380

■ 298377

■ 778381

■ 1C8375

■ 848383

■ 0F8373

■ 928385

■ 018371

■ 9F8387

■ 008371

■ AC8389

■ B9838A

■ C6838C

Harmonies

Analogous

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



5F826C



50837C



4B828C

Triad

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



50837C



807594



91745D

Complementary

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



50837C



835057

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.



9A7068



50837C



917088

Square

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



50837C



6A7A9A



9A6E78



837A5A

Rectangle

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



50837C



508094



9A6E78



957360

Sweetspot

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



50837C



96ABA8



588350



4B5755



D6D6D6



575757

Same Dimension

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



50837C



5BABA0



507183



3C4241



008270



000302

Inverse Universe

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



835057



AB5B66



836250



423C3D



820012



030000

Previews

White Background



This preview shows how the Hex color 50837C looks on a white background.

Color Contrast Check

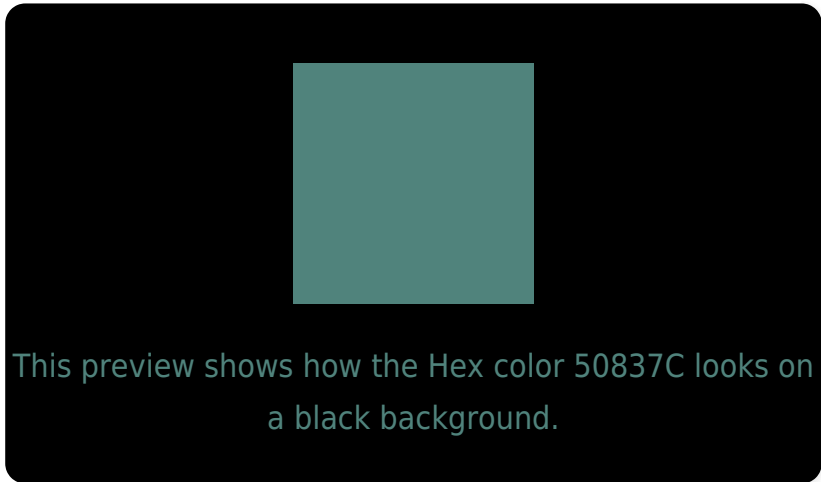
Large Text (above 18pt) WCAG AA ✓ Pass

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

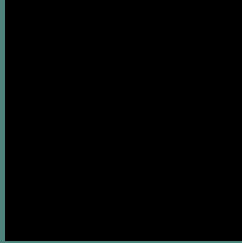
Any Text WCAG AA ✓ Pass

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 50837C Background



This preview shows how black text looks on a background with the Hex color 50837C.

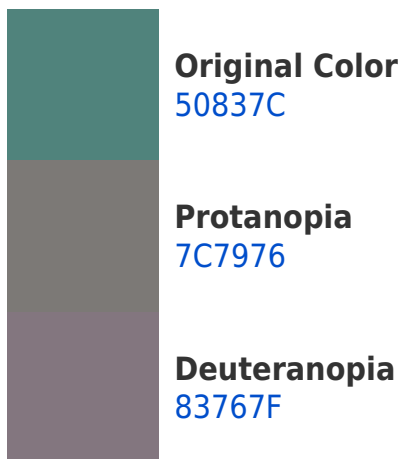



This preview shows how white text looks on a background with the Hex color 50837C.

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](#).

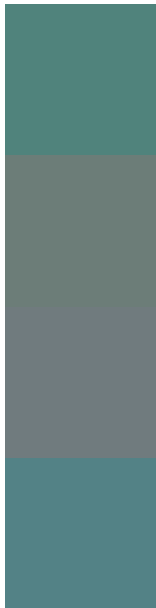
Dichromacy





Tritanopia
54818B

Trichromacy



Original Color
50837C

Protanomaly
6C7D78

Deuteranomaly
707B7E

Tritanomaly
538286

Monochromacy



Original Color
50837C

Achromatopsia
737373

Achromatomaly
667976

CSS Examples

Text

The CSS property to change the color of the text to Hex 50837C 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 #50837C looks like.

```
.text, #text, p{  
    color:#50837C  
}
```

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 #50837C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50837C
}
```

Border

The CSS property to change the border of an element to Hex 50837C 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
#50837C }
```

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

```
.border{ border-color:#50837C }
```

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

Here you see how a box with a 4 pixel #50837C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50837C; -webkit-box-shadow:4px 4px  
4px 4px #50837C; box-shadow:4px 4px 4px  
4px #50837C }
```

Background

The CSS property to change the background color of an element to Hex 50837C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50837C }
```

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

```
.background{ background-color:#50837C }
```

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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