

Converting Colors

Hex(34837C)

Have a look what the booklet for
Hex(34837C) contains.

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Color

Hex(34837C)

Conversions

Conversions Part 1

Format	Color
Hex	34837C
RGB	52, 131, 124
RGB Percent	20%, 51%, 49%
CMY	0.7961, 0.4863, 0.5137
CMYK	0.60, 0.00, 0.05, 0.49
HSL	175°, 43%, 36%
HSV	175°, 60%, 51%
XYZ	13.1706, 18.4179, 21.9296
YIQ	106.5810, -44.8370, -18.9250

Conversions

Conversions Part 2

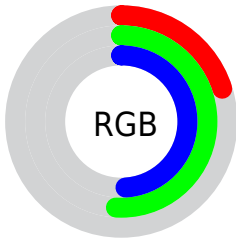
Format	Color
RYB	52, 93, 131
Decimal	3441532
CIELab	50.00, -25.74, -3.44
CIELCh	50, 25.971, 187.617
Yxy	18.4179, 0.2461, 0.3441
Android (android.graphics.Color)	4281631612 (0xFF34837C)
YUV	106.5810, 8.5876, -47.8675
Hunter-Lab	42.9161, -20.3231, -0.2553

Details

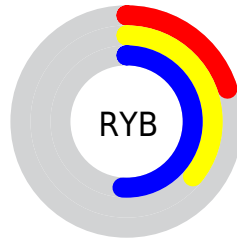
The Hex color **34837C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **83343B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **6BB8B0**, and **00514B** is the 20% darker color. If you saturate the color by 10%, you get **27837B**, and if you desaturate by 10%, it is **41837D**.

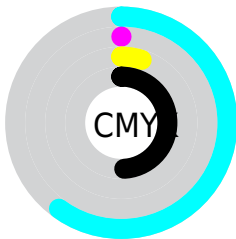
Distribution



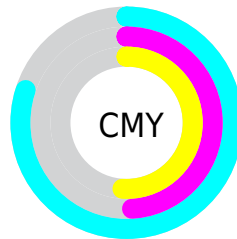
- Red (20%)
- Green (51%)
- Blue (49%)



- Red (20%)
- Yellow (36%)
- Blue (51%)



- Cyan (60%)
- Magenta (0%)
- Yellow (5%)
- Black (49%)



- Cyan (80%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34837C 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 34837C by changing the saturation by 10% instead.



34837C



34837C

FFFFFF



126A63



6BB8B0



00514B



87D4CC



003A35



A3F1E8



002420



BFFFFFF



000008



DCFFFF



000000



F9FFFF



34837C



34837C



27837B



41837D

■ 1A837A

■ 4E837E

■ 0D8379

■ 5B837F

■ 008377

■ 688381

■ 768382

■ 838383

■ 908384

■ 9D8385

■ AA8386

Harmonies

Analogous

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



4E8265



34837C



298291

Triad

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



34837C



816F9A



94704F

Complementary

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



34837C



83343B

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.



A0695D



34837C



986988

Square

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



34837C



6177A2



A26672



80774B

Rectangle

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



34837C



357F9C



A26672



996D52

Sweetspot

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



34837C



8CABA8



3C8334



445755



D6D6D6



575757

Same Dimension

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



34837C



30ABA0



346383



3C4242



008277



000302

Inverse Universe

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



83343B



AB303B



835434



423C3C



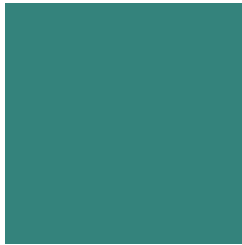
82000C



030000

Previews

White Background



This preview shows how the Hex color 34837C looks on a white background.

Color Contrast Check

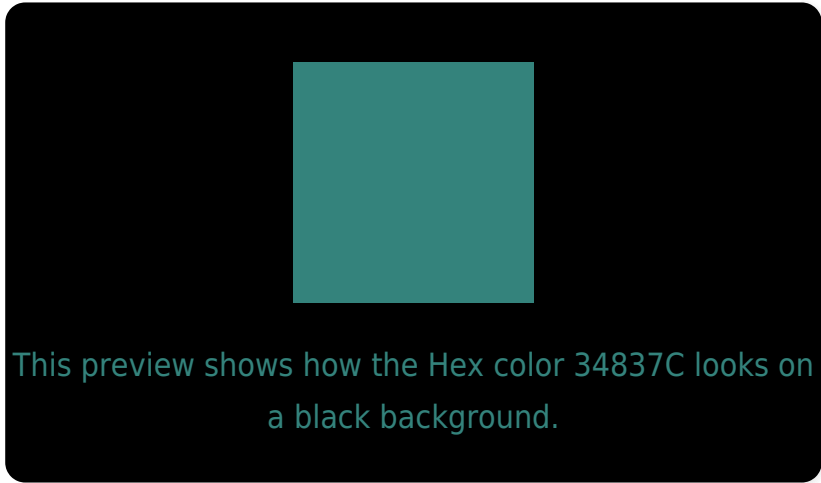
Large Text (above 18pt) WCAG AA ✓ Pass

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

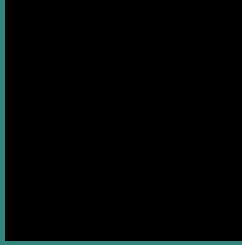
Any Text WCAG AA ✓ Pass

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 34837C Background



This preview shows how black text looks on a background with the Hex color 34837C.

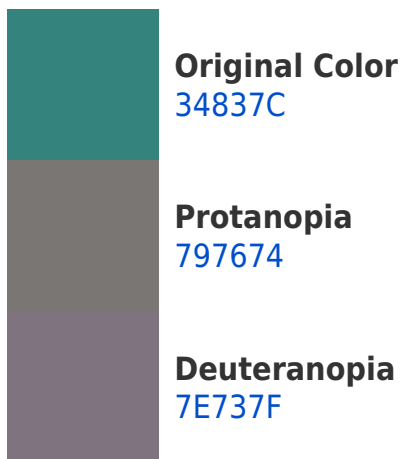


This preview shows how white text looks on a background with the Hex color 34837C.

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](#).

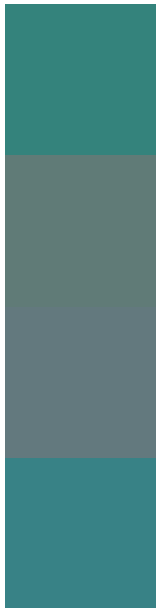
Dichromacy





Tritanopia
3A818B

Trichromacy



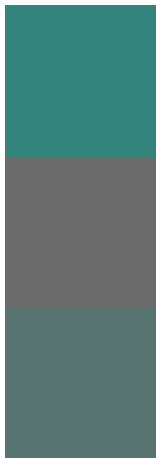
Original Color
34837C

Protanomaly
607B77

Deuteranomaly
63797E

Tritanomaly
388286

Monochromacy



Original Color
34837C

Achromatopsia
6B6B6B

Achromatomaly
577471

CSS Examples

Text

The CSS property to change the color of the text to Hex 34837C 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 #34837C looks like.

```
.text, #text, p{  
    color:#34837C  
}
```

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 #34837C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34837C
}
```

Border

The CSS property to change the border of an element to Hex 34837C 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
#34837C }
```

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

```
.border{ border-color:#34837C }
```

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

Here you see how a box with a 4 pixel #34837C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34837C; -webkit-box-shadow:4px 4px  
4px 4px #34837C; box-shadow:4px 4px 4px  
4px #34837C }
```

Background

The CSS property to change the background color of an element to Hex 34837C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34837C }
```

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

```
.background{ background-color:#34837C }
```

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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