

Converting Colors

Hex(34838C)

Have a look what the booklet for
Hex(34838C) contains.

Hex(34838C)	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(34838C)

Conversions

Conversions Part 1

Format	Color
Hex	34838C
RGB	52, 131, 140
RGB Percent	20%, 51%, 55%
CMY	0.7961, 0.4863, 0.4510
CMYK	0.63, 0.06, 0.00, 0.45
HSL	186°, 46%, 38%
HSV	186°, 63%, 55%
XYZ	14.2661, 18.8561, 27.6986
YIQ	108.4050, -49.9730, -13.9490

Conversions

Conversions Part 2

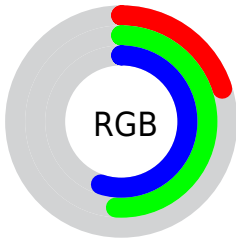
Format	Color
RYB	52, 94, 140
Decimal	3441548
CIELab	50.52, -21.00, -12.04
CIELCh	51, 24.203, 209.827
Yxy	18.8561, 0.2346, 0.3100
Android (android.graphics.Color)	4281631628 (0xFF34838C)
YUV	108.4050, 15.5763, -49.4672
Hunter-Lab	43.4236, -17.3482, -7.4228




Details

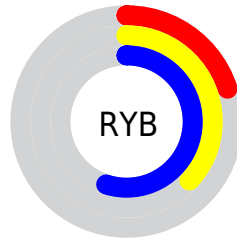
The Hex color **34838C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8C3D34**, and the grayscale version is **6C6C6C**.




A 20% lighter version of the original color is **6DB8C2**, and **00515A** is the 20% darker color. If you saturate the color by 10%, you get **26828C**, and if you desaturate by 10%, it is **42848C**.

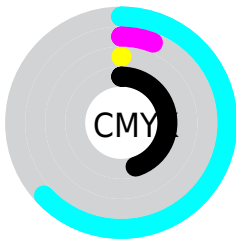
Distribution







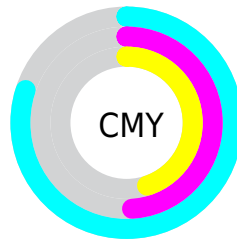
-  Red (20%)
-  Green (51%)
-  Blue (55%)






-  Red (20%)
-  Yellow (37%)
-  Blue (55%)



-  Cyan (63%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (80%)
-  Magenta (49%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34838C 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 34838C by changing the saturation by 10% instead.

 34838C

 34838C

FFFFFF

 106A73

 6DB8C2

 00515A

 88D4DD

 003A43

 A4F0FA

 00242C

 C1FFFF

 000519

 DEFFFF

 000000

 FBFFFF

 34838C

 34838C

 26828C

 42848C

■ 18808C

■ 50868C

■ 0A7F8C

■ 5E878C

■ 007E8C

■ 6C898C

■ 7A8A8C

■ 888C8C

■ 968D8C

■ A48E8C

■ B2908C

Harmonies

Analogous

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



428477



34838C



40809B

Triad

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



34838C



926C8D



87774F

Complementary

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



34838C



8C3D34

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.



987055



34838C



9F6979

Square

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



34838C



7B739C



A16A65



717D54

Rectangle

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



34838C



527CA0



A16A65



8D7550

Sweetspot

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



34838C



93B2B5



348C3D



475A5C



DBDBDB



5C5C5C

Same Dimension

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



34838C



2DA7B5



34578C



3E4445



007785



000505

Inverse Universe

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



8C3483



B52DA7



8C6934



453E44



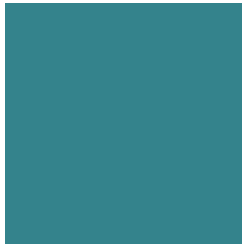
850077



050005

Previews

White Background



This preview shows how the Hex color 34838C looks on a white background.

Color Contrast Check

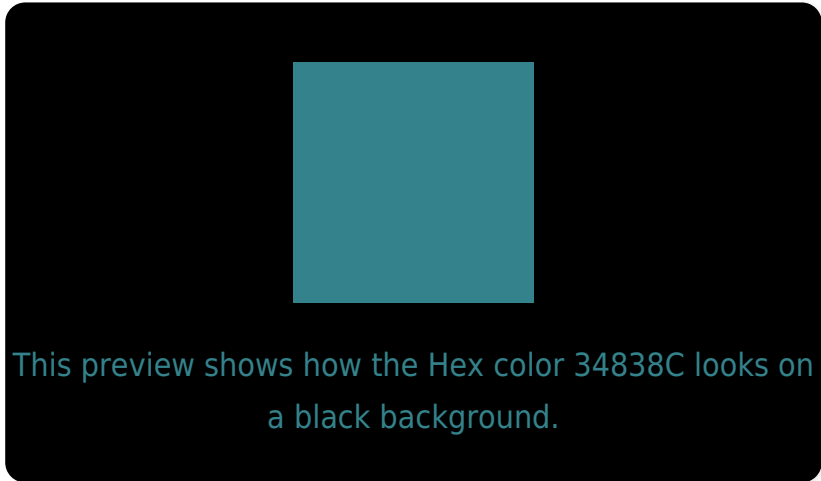
Large Text (above 18pt) WCAG AA ✓ Pass

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

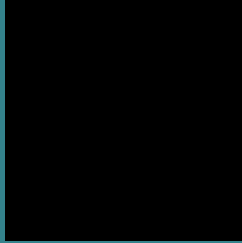
Any Text WCAG AA ✓ Pass

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 34838C Background



This preview shows how black text looks on a background with the Hex color 34838C.

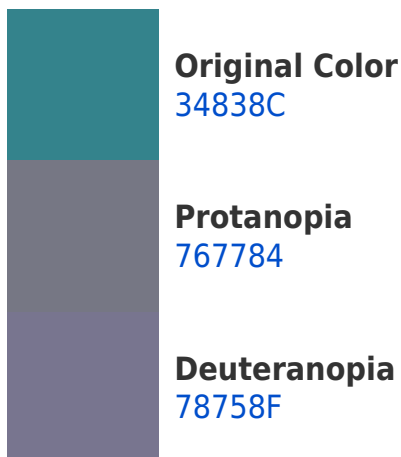



This preview shows how white text looks on a background with the Hex color 34838C.

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
35838D

Trichromacy



Original Color
34838C

Protanomaly
5E7B87

Deuteranomaly
5F7A8E

Tritanomaly
35838D

Monochromacy



Original Color
34838C

Achromatopsia
6C6C6C

Achromatomaly
587478

CSS Examples

Text

The CSS property to change the color of the text to Hex 34838C 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 #34838C looks like.

```
.text, #text, p{  
    color:#34838C  
}
```

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 #34838C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34838C
}
```

Border

The CSS property to change the border of an element to Hex 34838C 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
#34838C }
```

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

```
.border{ border-color:#34838C }
```

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

Here you see how a box with a 4 pixel #34838C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34838C; -webkit-box-shadow:4px 4px  
4px 4px #34838C; box-shadow:4px 4px 4px  
4px #34838C }
```

Background

The CSS property to change the background color of an element to Hex 34838C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34838C }
```

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

```
.background{ background-color:#34838C }
```

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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