

Converting Colors

Hex(35868C)

Have a look what the booklet for
Hex(35868C) contains.

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Color

Hex(35868C)

Conversions

Conversions Part 1

Format	Color
Hex	35868C
RGB	53, 134, 140
RGB Percent	21%, 53%, 55%
CMY	0.7922, 0.4745, 0.4510
CMYK	0.62, 0.04, 0.00, 0.45
HSL	184°, 45%, 38%
HSV	184°, 62%, 55%
XYZ	14.7269, 19.7005, 27.8373
YIQ	110.4650, -50.2020, -15.3060

Conversions

Conversions Part 2

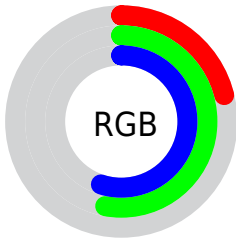
Format	Color
RYB	53, 95, 140
Decimal	3507852
CIELab	51.50, -22.38, -10.56
CIElCh	51, 24.750, 205.262
Yxy	19.7005, 0.2365, 0.3164
Android (android.graphics.Color)	4281697932 (0xFF35868C)
YUV	110.4650, 14.5608, -50.3968
Hunter-Lab	44.3853, -18.4484, -6.1155

Details

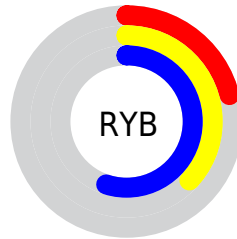
The Hex color **35868C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8C3B35**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **6EBBC2**, and **00545A** is the 20% darker color. If you saturate the color by 10%, you get **27858C**, and if you desaturate by 10%, it is **43878C**.

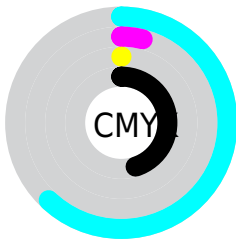
Distribution



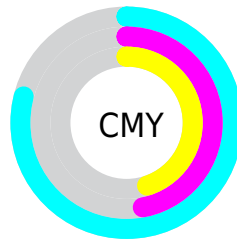
- Red (21%)
- Green (53%)
- Blue (55%)



- Red (21%)
- Yellow (37%)
- Blue (55%)



- Cyan (62%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (79%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Hex color 35868C 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 35868C by changing the saturation by 10% instead.

 35868C

 35868C

FFFFFF

 116D73

 6EBBC2

 00545A

 8AD7DD

 003C43

 A6F4FA

 00262C

 C2FFFF

 000B18

 DFFFFFF

 000000

FDFFFF

 35868C

 35868C

 27858C

 43878C

■ 19848C

■ 51888C

■ 0B838C

■ 5F898C

■ 00828C

■ 6D8A8C

■ 7B8B8C

■ 898C8C

■ 978D8C

■ A58E8C

■ B38F8C

Harmonies

Analogous

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



468676



35868C



3D839D

Triad

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



35868C



926F93



8D7851

Complementary

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



35868C



8C3B35

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.



9D7159



35868C



A26B7F

Square

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



35868C



7976A1



A56C6A



777F54

Rectangle

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



35868C



4F80A3



A56C6A



937652

Sweetspot

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



35868C



93B3B5



358C3B



475A5C



DBDBDB



5C5C5C

Same Dimension

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



35868C



2DACB5



355B8C



3E4445



007B85



000505

Inverse Universe

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



8C3586



B52DAC



8C6635



453E44



85007B



050005

Previews

White Background



This preview shows how the Hex color 35868C looks on a white background.

Color Contrast Check

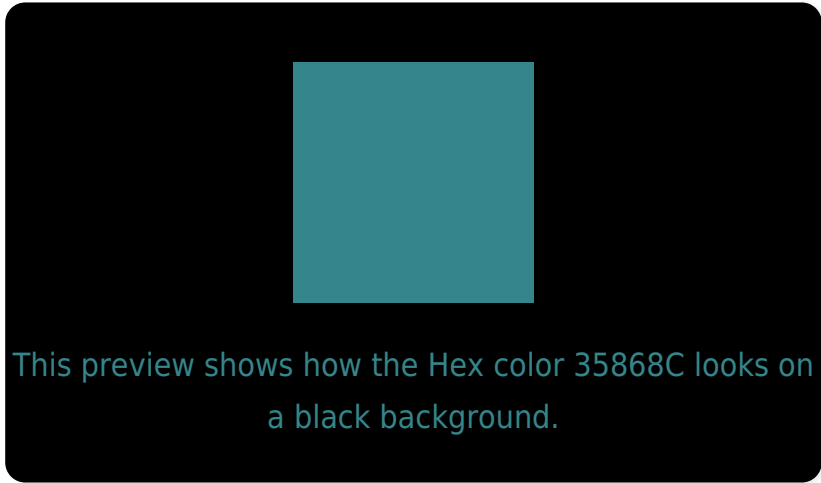
Large Text (above 18pt) WCAG AA ✓ Pass

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

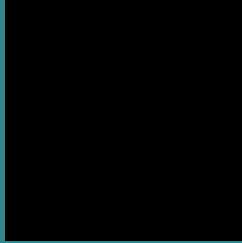
Any Text WCAG AA ✓ Pass

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 35868C Background



This preview shows how black text looks on a background with the Hex color 35868C.

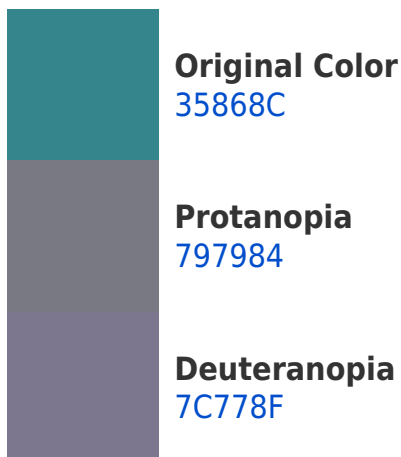


This preview shows how white text looks on a background with the Hex color 35868C.

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
378590

Trichromacy



Original Color
35868C

Protanomaly
607E87

Deuteranomaly
627C8E

Tritanomaly
36858F

Monochromacy



Original Color
35868C

Achromatopsia
6E6E6E

Achromatomaly
597779

CSS Examples

Text

The CSS property to change the color of the text to Hex 35868C 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 #35868C looks like.

```
.text, #text, p{  
    color:#35868C  
}
```

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 #35868C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35868C
}
```

Border

The CSS property to change the border of an element to Hex 35868C 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
#35868C }
```

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

```
.border{ border-color:#35868C }
```

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

Here you see how a box with a 4 pixel #35868C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35868C; -webkit-box-shadow:4px 4px  
4px 4px #35868C; box-shadow:4px 4px 4px  
4px #35868C }
```

Background

The CSS property to change the background color of an element to Hex 35868C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35868C }
```

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

```
.background{ background-color:#35868C }
```

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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