

# Converting Colors

Hex(32838C)

Have a look what the booklet for  
Hex(32838C) contains.

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**Color**

**Hex(32838C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32838C
RGB	50, 131, 140
RGB Percent	20%, 51%, 55%
CMY	0.8039, 0.4863, 0.4510
CMYK	0.64, 0.06, 0.00, 0.45
HSL	186°, 47%, 37%
HSV	186°, 64%, 55%
XYZ	14.1653, 18.8042, 27.6939
YIQ	107.8070, -51.1650, -14.3730

# Conversions

## Conversions Part 2

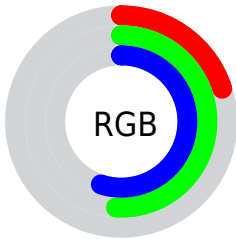
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 93, 140
Decimal	3310476
CIELab	50.46, -21.36, -12.14
CIElCh	50, 24.567, 209.604
Yxy	18.8042, 0.2335, 0.3100
Android (android.graphics.Color)	4281500556 (0xFF32838C)
YUV	107.8070, 15.8711, -50.6967
Hunter-Lab	43.3638, -17.5773, -7.5104

# Details

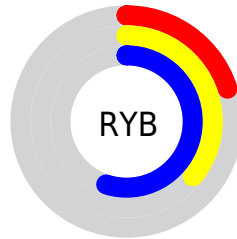
The Hex color **32838C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8C3B32**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6BB8C2**, and **00515A** is the 20% darker color. If you saturate the color by 10%, you get **24828C**, and if you desaturate by 10%, it is **40848C**.

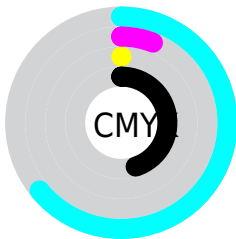
# Distribution



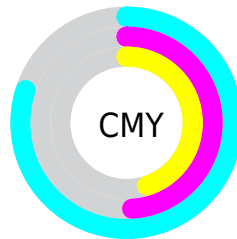
- Red (20%)
- Green (51%)
- Blue (55%)



- Red (20%)
- Yellow (36%)
- Blue (55%)



- Cyan (64%)
- Magenta (6%)
- Yellow (0%)
- Black (45%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 32838C 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 32838C by changing the saturation by 10% instead.



 32838C

 32838C

FFFFFF

 0B6A73

 6BB8C2

 00515A

 87D4DD

 003A43

 A3F0FA

 00242C

 C0FFFF

 000419

 D0FFFF

 000000

 F0FFFF

 32838C

 32838C

 24828C

 40848C

■ 16808C

■ 4E868C

■ 087F8C

■ 5C878C

■ 007E8C

■ 6A898C

■ 788A8C

■ 868B8C

■ 948D8C

■ A28E8C

■ B0908C

# Harmonies

## Analogous

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



408477



32838C



3E809C

# Triad

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



32838C



926C8E



87774E

# Complementary

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



32838C



8C3B32

# 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



32838C



A06879

# Square

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



32838C



7B739C



A16A64



717D53

# Rectangle

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



32838C



517CA1



A16A64



8D744F



# Sweetspot

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



32838C



93B2B5



328C3B



475A5C



DBDBDB



5C5C5C



# Same Dimension

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



32838C



2AA7B5



32568C



3E4445



007785



000505



# Inverse Universe

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



8C3283



B52AA7



8C6832



453E44



850077



050005



# Previews

## White Background



This preview shows how the Hex color 32838C looks on a white background.

## Color Contrast Check

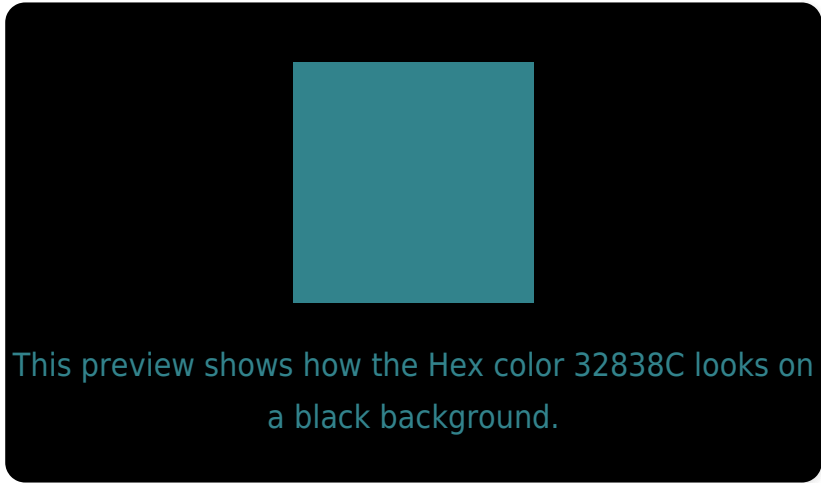
Large Text (above 18pt) WCAG AA ✓ Pass

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

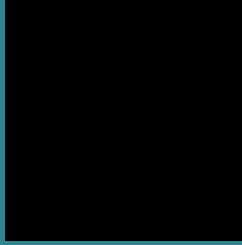
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 32838C Background



This preview shows how black text looks on a background with the Hex color 32838C.

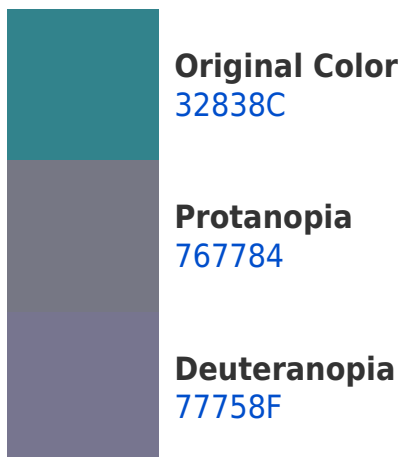



This preview shows how white text looks on a background with the Hex color 32838C.

# 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**  
33838D

# Trichromacy



**Original Color**  
32838C

**Protanomaly**  
5D7B87

**Deuteranomaly**  
5E7A8E

**Tritanomaly**  
33838D

# Monochromacy



**Original Color**  
32838C

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
577478

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32838C 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 #32838C looks like.

```
.text, #text, p{  
    color:#32838C  
}
```

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 #32838C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32838C
}
```

## Border

The CSS property to change the border of an element to Hex 32838C 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
#32838C }
```

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

```
.border{ border-color:#32838C }
```

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

Here you see how a box with a 4 pixel #32838C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32838C; -webkit-box-shadow:4px 4px  
4px 4px #32838C; box-shadow:4px 4px 4px  
4px #32838C }
```

# Background

The CSS property to change the background color of an element to Hex 32838C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32838C }
```

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

```
.background{ background-color:#32838C }
```

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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