

Converting Colors

Hex(33818A)

Have a look what the booklet for
Hex(33818A) contains.

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Color

Hex(33818A)

Conversions

Conversions Part 1

Format	Color
Hex	33818A
RGB	51, 129, 138
RGB Percent	20%, 51%, 54%
CMY	0.8000, 0.4941, 0.4588
CMYK	0.63, 0.07, 0.00, 0.46
HSL	186°, 46%, 37%
HSV	186°, 63%, 54%
XYZ	13.8029, 18.2393, 26.8378
YIQ	106.7040, -49.3770, -13.7370

Conversions

Conversions Part 2

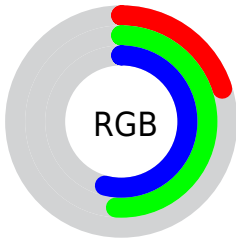
Format	Color
RYB	51, 92, 138
Decimal	3375498
CIELab	49.79, -20.74, -11.98
CIELCh	50, 23.952, 210.000
Yxy	18.2393, 0.2344, 0.3098
Android (android.graphics.Color)	4281565578 (0xFF33818A)
YUV	106.7040, 15.4289, -48.8524
Hunter-Lab	42.7075, -17.0474, -7.3632




Details

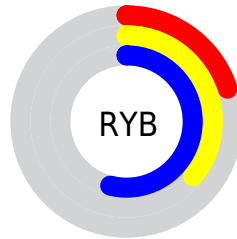
The Hex color **33818A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8A3C33**, and the grayscale version is **6B6B6B**.




A 20% lighter version of the original color is **6CB6BF**, and **004F58** is the 20% darker color. If you saturate the color by 10%, you get **25808A**, and if you desaturate by 10%, it is **41828A**.

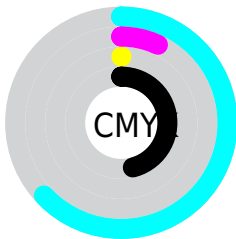
Distribution







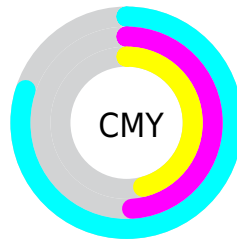
-  Red (20%)
-  Green (51%)
-  Blue (54%)






-  Red (20%)
-  Yellow (36%)
-  Blue (54%)



-  Cyan (63%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (46%)



-  Cyan (80%)
-  Magenta (49%)
-  Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33818A 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 33818A by changing the saturation by 10% instead.

 33818A

 33818A

FFFFFF

 0E6871

 6CB6BF

 004F58

 87D2DB

 003841

 A3EEF8

 00232B

 C0FFFF

 000117

 DDFFFF

 000000

 FAFFFF

 33818A

 33818A

 25808A

 41828A

■ 177E8A

■ 4F848A

■ 0A7D8A

■ 5C858A

■ 007C8A

■ 6A878A

■ 78888A

■ 868A8A

■ 948B8A

■ A18C8A

■ AF8E8A

Harmonies

Analogous

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



408276



33818A



3F7E99

Triad

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



33818A



906B8B



85754E

Complementary

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



33818A



8A3C33

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.



956E54



33818A



9D6777

Square

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



33818A



79719A



9E6963



6F7B53

Rectangle

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



33818A



517A9E



9E6963



8B734E

Sweetspot

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



33818A



91AFB3



338A3C



455759



D9D9D9



595959

Same Dimension

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



33818A



2BA4B3



33568A



3E4445



007785



000505

Inverse Universe

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



8A3381



B32BA4



8A6733



453E44



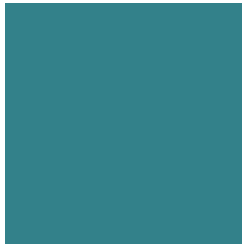
850077



050005

Previews

White Background



This preview shows how the Hex color 33818A looks on a white background.

Color Contrast Check

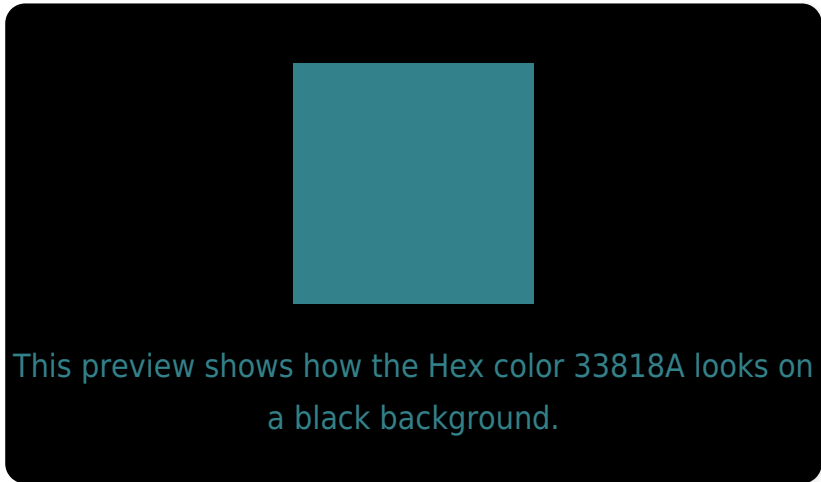
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

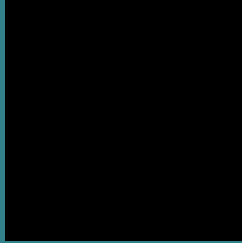
Any Text WCAG AA ✓ Pass

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 33818A Background



This preview shows how black text looks on a background with the Hex color 33818A.

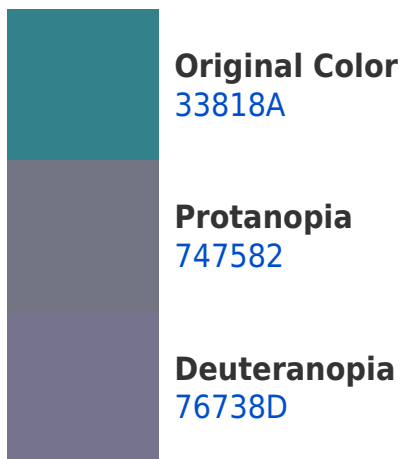


This preview shows how white text looks on a background with the Hex color 33818A.

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
34818B

Trichromacy



Original Color
33818A

Protanomaly
5C7985

Deuteranomaly
5E788C

Tritanomaly
34818B

Monochromacy



Original Color
33818A

Achromatopsia
6B6B6B

Achromatomaly
577376

CSS Examples

Text

The CSS property to change the color of the text to Hex 33818A 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 #33818A looks like.

```
.text, #text, p{  
    color:#33818A  
}
```

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 #33818A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33818A
}
```

Border

The CSS property to change the border of an element to Hex 33818A 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
#33818A }
```

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

```
.border{ border-color:#33818A }
```

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

Here you see how a box with a 4 pixel #33818A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33818A; -webkit-box-shadow:4px 4px  
4px 4px #33818A; box-shadow:4px 4px 4px  
4px #33818A }
```

Background

The CSS property to change the background color of an element to Hex 33818A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33818A }
```

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

```
.background{ background-color:#33818A }
```

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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