

Converting Colors

Hex(3C8181)

Have a look what the booklet for
Hex(3C8181) contains.

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Color

Hex(3C8181)

Conversions

Conversions Part 1

Format	Color
Hex	3C8181
RGB	60, 129, 129
RGB Percent	24%, 51%, 51%
CMY	0.7647, 0.4941, 0.4941
CMYK	0.53, 0.00, 0.00, 0.49
HSL	180°, 37%, 37%
HSV	180°, 53%, 51%
XYZ	13.6762, 18.2462, 23.5699
YIQ	108.3690, -41.1240, -14.6280

Conversions

Conversions Part 2

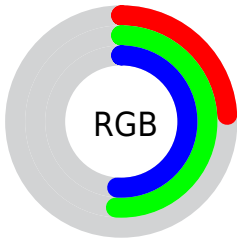
Format	Color
R_{YB}	60, 95, 129
Decimal	3965313
CIE _{Lab}	49.79, -21.59, -6.65
CIE _{LCh}	50, 22.587, 197.124
Yxy	18.2462, 0.2465, 0.3288
Android (android.graphics.Color)	4282155393 (0xFF3C8181)
YUV	108.3690, 10.1711, -42.4196
Hunter-Lab	42.7155, -17.6020, -2.8147




Details

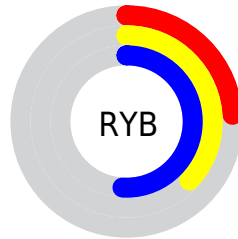
The Hex color **3C8181** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **813C3C**, and the grayscale version is **6C6C6C**.




A 20% lighter version of the original color is **72B6B6**, and **004F50** is the 20% darker color. If you saturate the color by 10%, you get **2F8181**, and if you desaturate by 10%, it is **498181**.

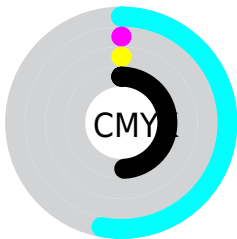
Distribution







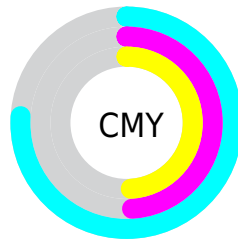
-  Red (24%)
-  Green (51%)
-  Blue (51%)






-  Red (24%)
-  Yellow (37%)
-  Blue (51%)



-  Cyan (53%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (76%)
-  Magenta (49%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C8181 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 3C8181 by changing the saturation by 10% instead.

 3C8181  3C8181

FFFFFF  1F6868

 72B6B6  004F50

 8DD2D1  003839

 A9EEEE  002324

 C5FFFF  00010F

 E2FFFF  000000

 3C8181  3C8181

 2F8181  498181

 228181  568181

158181

638181

088181

708181

008181

7D8181

898181

968181

A38181

B08181

Harmonies

Analogous

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



4D806D



3C8181



3D7F92

Triad

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



3C8181



876E91



8B7251

Complementary

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



3C8181



813C3C

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.



986C5B



3C8181



976980

Square

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



3C8181



6E749B



9D686C



797951

Rectangle

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



3C8181



497C99



9D686C



917054

Sweetspot

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



3C8181



8DA8A8



3C813C



445454



D4D4D4



545454

Same Dimension

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



3C8181



3DA8A8



3C5E81



394040



008080



000000

Inverse Universe

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



813C81



A83DA8



815E3C



403940



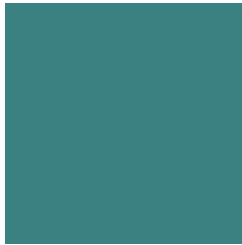
800080



000000

Previews

White Background



This preview shows how the Hex color 3C8181 looks on a white background.

Color Contrast Check

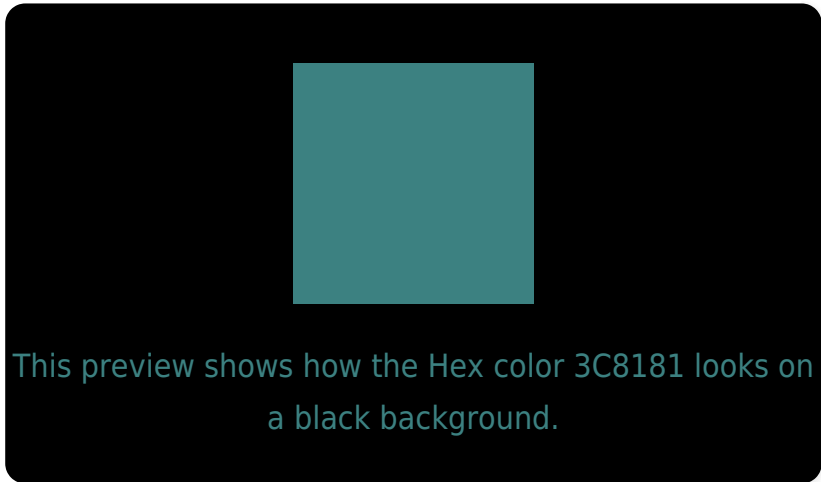
Large Text (above 18pt) WCAG AA ✓ Pass

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

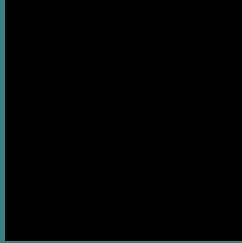
Any Text WCAG AA ✓ Pass

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 3C8181 Background



This preview shows how black text looks on a background with the Hex color 3C8181.

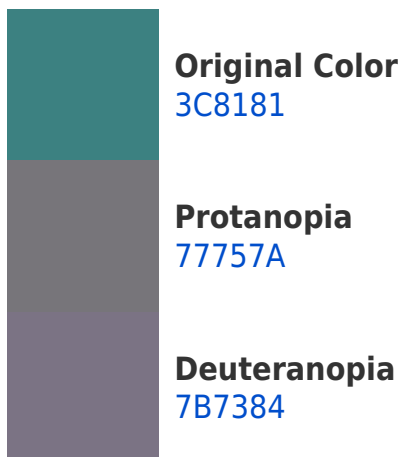


This preview shows how white text looks on a background with the Hex color 3C8181.

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
3F808A

Trichromacy



Original Color
3C8181

Protanomaly
62797D

Deuteranomaly
647883

Tritanomaly
3E8087

Monochromacy



Original Color
3C8181

Achromatopsia
6C6C6C

Achromatomaly
5B7474

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C8181 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 #3C8181 looks like.

```
.text, #text, p{  
    color:#3C8181  
}
```

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 #3C8181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C8181
}
```

Border

The CSS property to change the border of an element to Hex 3C8181 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
#3C8181 }
```

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

```
.border{ border-color:#3C8181 }
```

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

Here you see how a box with a 4 pixel #3C8181 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C8181; -webkit-box-shadow:4px 4px  
4px 4px #3C8181; box-shadow:4px 4px 4px  
4px #3C8181 }
```

Background

The CSS property to change the background color of an element to Hex 3C8181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C8181 }
```

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

```
.background{ background-color:#3C8181 }
```

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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