

Converting Colors

Hex(3A8481)

Have a look what the booklet for
Hex(3A8481) contains.

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Color

Hex(3A8481)

Conversions

Conversions Part 1

Format	Color
Hex	3A8481
RGB	58, 132, 129
RGB Percent	23%, 52%, 51%
CMY	0.7725, 0.4824, 0.4941
CMYK	0.56, 0.00, 0.02, 0.48
HSL	178°, 39%, 37%
HSV	178°, 56%, 52%
XYZ	13.9586, 18.9870, 23.6980
YIQ	109.5320, -43.1410, -16.6210

Conversions

Conversions Part 2

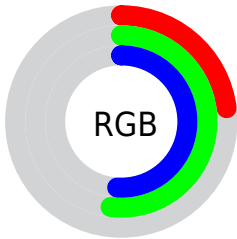
Format	Color
R_{YB}	58, 96, 132
Decimal	3835009
CIE _{Lab}	50.67, -23.58, -5.35
CIE _{LCh}	51, 24.181, 192.788
Yxy	18.9870, 0.2464, 0.3352
Android (android.graphics.Color)	4282025089 (0xFF3A8481)
YUV	109.5320, 9.5977, -45.1936
Hunter-Lab	43.5741, -19.0736, -1.7433

Details

The Hex color **3A8481** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **843A3D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **71B9B6**, and **005250** is the 20% darker color. If you saturate the color by 10%, you get **2D8480**, and if you desaturate by 10%, it is **478482**.

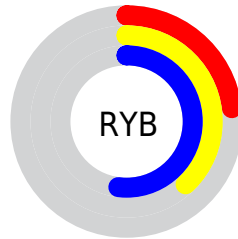
Distribution



Red (23%)

Green (52%)

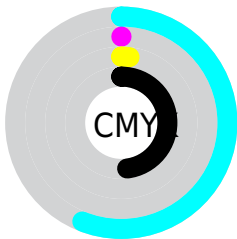
Blue (51%)



Red (23%)

Yellow (38%)

Blue (52%)

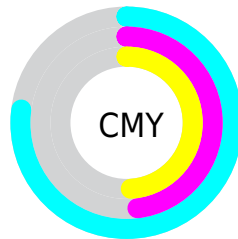


Cyan (56%)

Magenta (0%)

Yellow (2%)

Black (48%)



Cyan (77%)

Magenta (48%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A8481 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 3A8481 by changing the saturation by 10% instead.



3A8481



3A8481

FFFFFF



1C6B68



71B9B6



005250



8CD5D1



003B39



A8F2EE



002524



C4FFFF



00050F



E1FFFF



000000

FEFFFF



3A8481



3A8481



2D8480



478482

■ 208480

■ 548482

■ 12847F

■ 628483

■ 05847F

■ 6F8483

■ 00847F

■ 7C8484

■ 898484

■ 968485

■ A48485

■ B18486

Harmonies

Analogous

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



4F836C



3A8481



368294

Triad

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



3A8481



877097



917352

Complementary

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



3A8481



843A3D

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.



9E6D5E



3A8481



9A6B85

Square

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



3A8481



6B78A1



A26970



7E7A50

Rectangle

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



3A8481



43809D



A26970



977155

Sweetspot

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



3A8481



8EABAA



3E843A



455756



D6D6D6



575757

Same Dimension

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



3A8481



38ABA6



3A6384



3C4242



00827D



000302

Inverse Universe

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



843A3D



AB383D



845B3A



423C3C



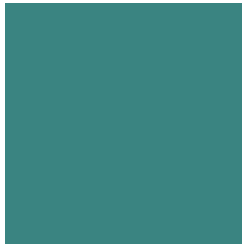
820005



030000

Previews

White Background



This preview shows how the Hex color 3A8481 looks on a white background.

Color Contrast Check

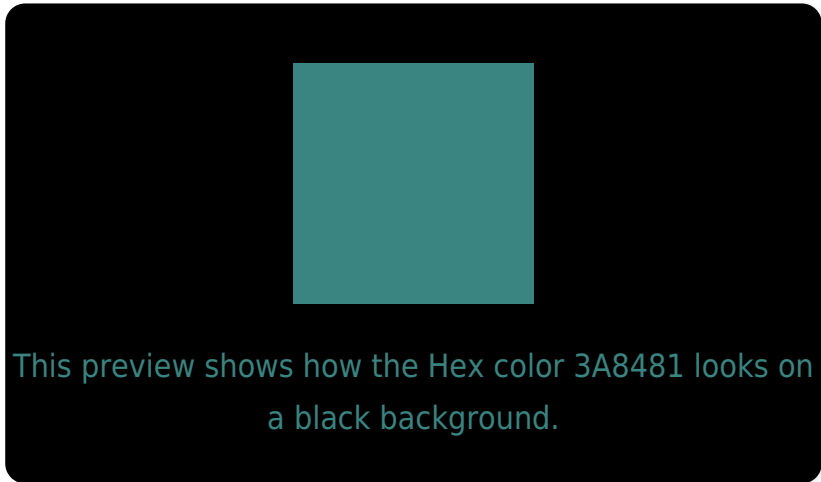
Large Text (above 18pt) WCAG AA ✓ Pass

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

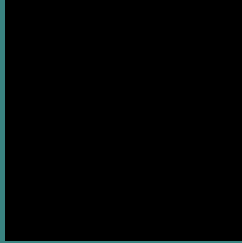
Any Text WCAG AA ✓ Pass

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 3A8481 Background



This preview shows how black text looks on a background with the Hex color 3A8481.

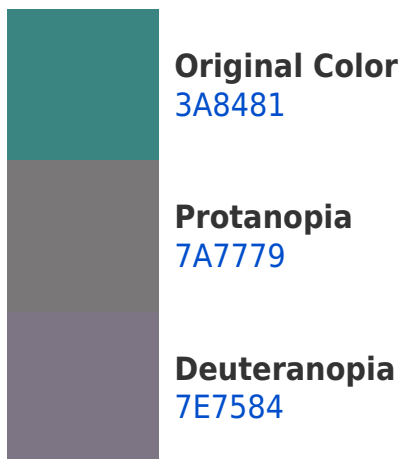


This preview shows how white text looks on a background with the Hex color 3A8481.

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
3F828D

Trichromacy



Original Color
3A8481

Protanomaly
637C7C

Deuteranomaly
657A83

Tritanomaly
3D8389

Monochromacy



Original Color
3A8481

Achromatopsia
6E6E6E

Achromatomaly
5B7675

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A8481 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 #3A8481 looks like.

```
.text, #text, p{  
    color:#3A8481  
}
```

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 #3A8481 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A8481
}
```

Border

The CSS property to change the border of an element to Hex 3A8481 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
#3A8481 }
```

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

```
.border{ border-color:#3A8481 }
```

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

Here you see how a box with a 4 pixel #3A8481 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A8481; -webkit-box-shadow:4px 4px  
4px 4px #3A8481; box-shadow:4px 4px 4px  
4px #3A8481 }
```

Background

The CSS property to change the background color of an element to Hex 3A8481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A8481 }
```

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

```
.background{ background-color:#3A8481 }
```

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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