

Converting Colors

Hex(3A8F86)

Have a look what the booklet for
Hex(3A8F86) contains.

Hex(3A8F86)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A8F86)

Conversions

Conversions Part 1

Format	Color
Hex	3A8F86
RGB	58, 143, 134
RGB Percent	23%, 56%, 53%
CMY	0.7725, 0.4392, 0.4745
CMYK	0.59, 0.00, 0.06, 0.44
HSL	174°, 42%, 39%
HSV	174°, 59%, 56%
XYZ	15.8705, 22.2657, 26.0155
YIQ	116.5590, -47.7710, -20.8190

Conversions

Conversions Part 2

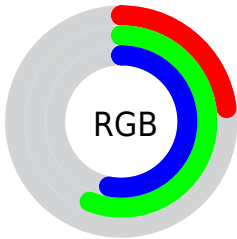
Format	Color
RYB	58, 103, 143
Decimal	3837830
CIELab	54.31, -27.72, -2.88
CIElCh	54, 27.870, 185.940
Yxy	22.2657, 0.2474, 0.3471
Android (android.graphics.Color)	4282027910 (0xFF3A8F86)
YUV	116.5590, 8.5984, -51.3562
Hunter-Lab	47.1865, -22.5407, 0.3420

Details

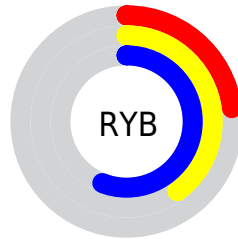
The Hex color **3A8F86** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8F3A43**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **72C5BB**, and **005C55** is the 20% darker color. If you saturate the color by 10%, you get **2C8F84**, and if you desaturate by 10%, it is **488F88**.

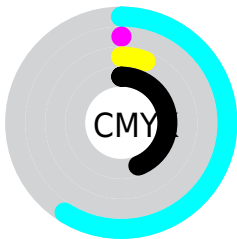
Distribution



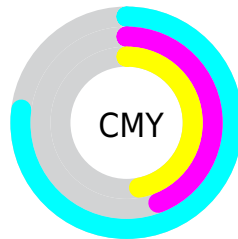
- Red (23%)
- Green (56%)
- Blue (53%)



- Red (23%)
- Yellow (40%)
- Blue (56%)



- Cyan (59%)
- Magenta (0%)
- Yellow (6%)
- Black (44%)



- Cyan (77%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A8F86 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 3A8F86 by changing the saturation by 10% instead.

 3A8F86

 3A8F86

FFFFFF

 19756D

 72C5BB

 005C55

 8EE1D7

 00443D

 AAFEF3

 002D28

 C6FFFF

 001813

 E4FFFF

 000000

 3A8F86

 3A8F86

 2C8F84

 488F88

 1D8F83

 578F89

0F8F81

658F8B

018F80

738F8C

008F80

828F8E

908F8F

9E8F91

AC8F92

BB8F94

Harmonies

Analogous

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



578D6D



3A8F86



2C8E9D

Triad

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



3A8F86



8B7AA9



A37A56

Complementary

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



3A8F86



8F3A43

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.



AF7267



3A8F86



A47296

Square

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



3A8F86



6883B1



B16F7E



8E8252

Rectangle

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



3A8F86



388BA9



B16F7E



A8775B

Sweetspot

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



3A8F86



99BAB7



448F3A



4A5E5C



DEDEDE



5E5E5E

Same Dimension

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



3A8F86



36BAAC



3A6E8F



404747



008779



000807

Inverse Universe

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



8F3A43



BA3644



8F5B3A



474041



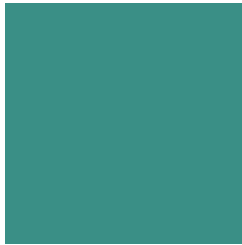
87000E



080001

Previews

White Background



This preview shows how the Hex color 3A8F86 looks on a white background.

Color Contrast Check

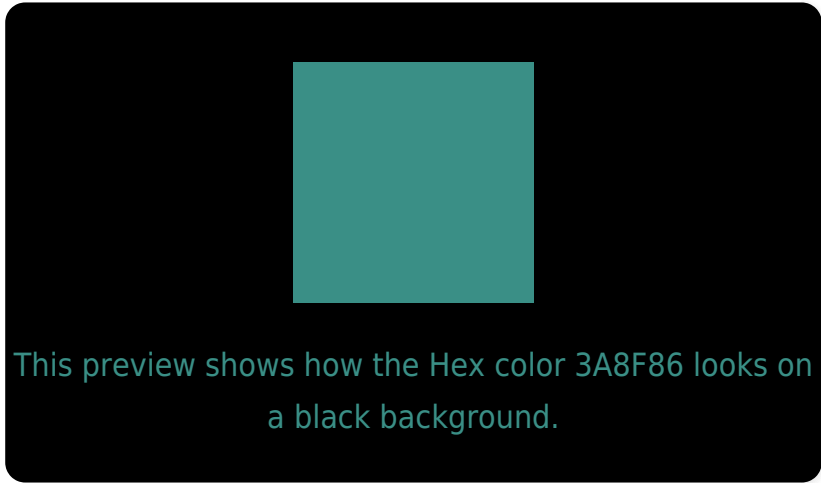
Large Text (above 18pt) WCAG AA ✓ Pass

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

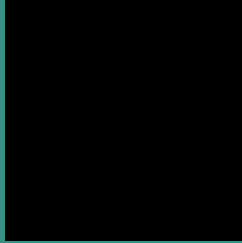
Any Text WCAG AA ✓ Pass

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 3A8F86 Background



This preview shows how black text looks on a background with the Hex color 3A8F86.

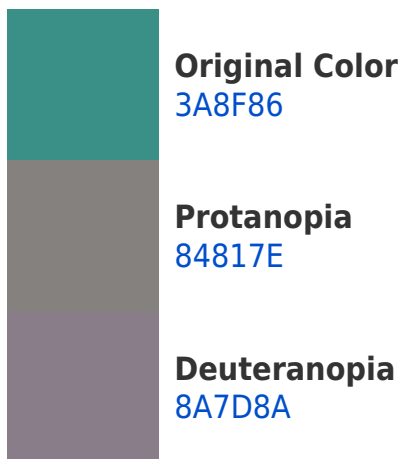


This preview shows how white text looks on a background with the Hex color 3A8F86.

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](#).

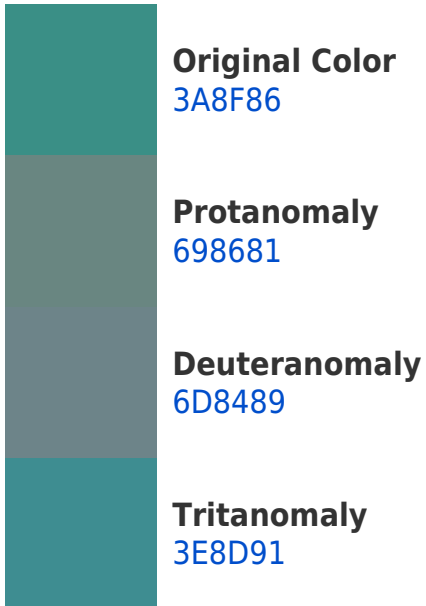
Dichromacy



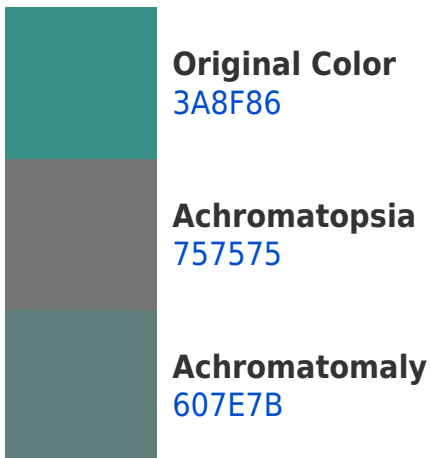


Tritanopia
418C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A8F86 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 #3A8F86 looks like.

```
.text, #text, p{  
    color:#3A8F86  
}
```

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 #3A8F86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A8F86
}
```

Border

The CSS property to change the border of an element to Hex 3A8F86 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
#3A8F86 }
```

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

```
.border{ border-color:#3A8F86 }
```

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

Here you see how a box with a 4 pixel #3A8F86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A8F86; -webkit-box-shadow:4px 4px  
4px 4px #3A8F86; box-shadow:4px 4px 4px  
4px #3A8F86 }
```

Background

The CSS property to change the background color of an element to Hex 3A8F86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A8F86 }
```

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

```
.background{ background-color:#3A8F86 }
```

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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