

Converting Colors

Hex(3F978B)

Have a look what the booklet for
Hex(3F978B) contains.

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Color

Hex(3F978B)

Conversions

Conversions Part 1

Format	Color
Hex	3F978B
RGB	63, 151, 139
RGB Percent	25%, 59%, 55%
CMY	0.7529, 0.4078, 0.4549
CMYK	0.58, 0.00, 0.08, 0.41
HSL	172°, 41%, 42%
HSV	172°, 58%, 59%
XYZ	17.7767, 25.0541, 28.3251
YIQ	123.3200, -48.5960, -22.3880

Conversions

Conversions Part 2

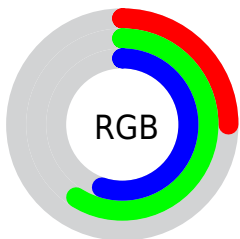
Format	Color
RYB	63, 110, 151
Decimal	4167563
CIELab	57.13, -29.27, -1.59
CIElCh	57, 29.311, 183.111
Yxy	25.0541, 0.2498, 0.3521
Android (android.graphics.Color)	4282357643 (0xFF3F978B)
YUV	123.3200, 7.7302, -52.9006
Hunter-Lab	50.0540, -24.2002, 1.4862

Details

The Hex color **3F978B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **973F4B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **77CEC0**, and **006359** is the 20% darker color. If you saturate the color by 10%, you get **309789**, and if you desaturate by 10%, it is **4E978D**.

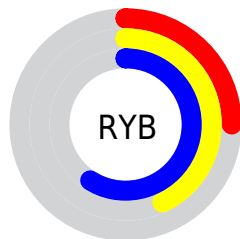
Distribution



Red (25%)

Green (59%)

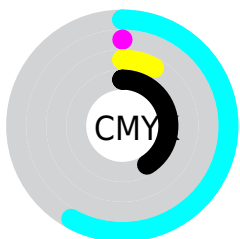
Blue (55%)



Red (25%)

Yellow (43%)

Blue (59%)

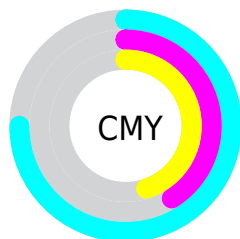


Cyan (58%)

Magenta (0%)

Yellow (8%)

Black (41%)



Cyan (75%)

Magenta (41%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F978B 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 3F978B by changing the saturation by 10% instead.



3F978B



3F978B

FFFFFF



1F7D72



77CEC0



006359



93EADC



004B42



AFFFF9



00342C



CCFFFF



002117



E9FFFF



000000



3F978B



3F978B



309789



4E978D



219787



5D978F

■ 129785

■ 6C9791

■ 039783

■ 7B9793

■ 009782

■ 8B9795

■ 9A9797

■ A99799

■ B8979B

■ C7979E

Harmonies

Analogous

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



5E9571



3F978B



2C96A4

Triad

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



3F978B



9082B4



AD805C

Complementary

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



3F978B



973F4B

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.



BA786E



3F978B



AC79A1

Square

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



3F978B



6A8BBC



BA7687



988856

Rectangle

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



3F978B



3794B1



BA7687



B37D61

Sweetspot

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



3F978B



A3C4C0



4C973F



506361



E3E3E3



636363

Same Dimension

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



3F978B



3BC4B2



3F7897



454D4B



008C79



000D0B

Inverse Universe

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



973F4B



C43B4E



975E3F



4D4546



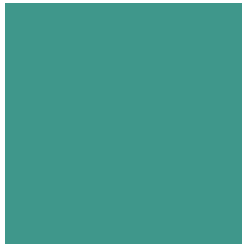
8C0013



0D0002

Previews

White Background



This preview shows how the Hex color 3F978B 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

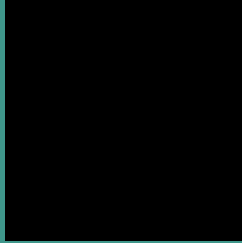
Any Text WCAG AA ✓ Pass

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 3F978B Background



This preview shows how black text looks on a background with the Hex color 3F978B.

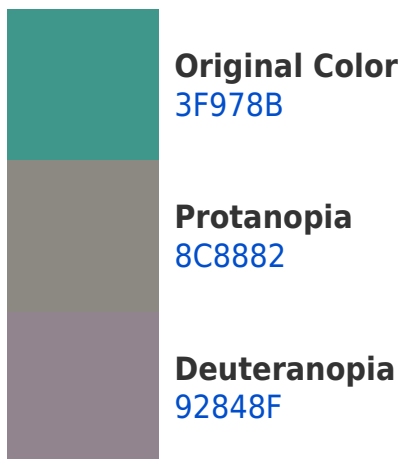


This preview shows how white text looks on a background with the Hex color 3F978B.

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
4794A0

Trichromacy



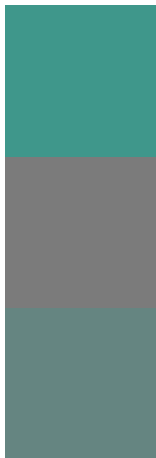
Original Color
3F978B

Protanomaly
708D85

Deuteranomaly
748B8E

Tritanomaly
449598

Monochromacy



Original Color
3F978B

Achromatopsia
7B7B7B

Achromatomaly
658581

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F978B 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 #3F978B looks like.

```
.text, #text, p{  
    color:#3F978B  
}
```

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 #3F978B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F978B
}
```

Border

The CSS property to change the border of an element to Hex 3F978B 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
#3F978B }
```

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

```
.border{ border-color:#3F978B }
```

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

Here you see how a box with a 4 pixel #3F978B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F978B; -webkit-box-shadow:4px 4px  
4px 4px #3F978B; box-shadow:4px 4px 4px  
4px #3F978B }
```

Background

The CSS property to change the background color of an element to Hex 3F978B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F978B }
```

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

```
.background{ background-color:#3F978B }
```

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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