

Converting Colors

Hex(3F8D93)

Have a look what the booklet for
Hex(3F8D93) contains.

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Color

Hex(3F8D93)

Conversions

Conversions Part 1

Format	Color
Hex	3F8D93
RGB	63, 141, 147
RGB Percent	25%, 55%, 58%
CMY	0.7529, 0.4471, 0.4235
CMYK	0.57, 0.04, 0.00, 0.42
HSL	184°, 40%, 41%
HSV	184°, 57%, 58%
XYZ	16.8412, 22.2131, 31.0037
YIQ	118.3620, -48.4140, -14.6700

Conversions

Conversions Part 2

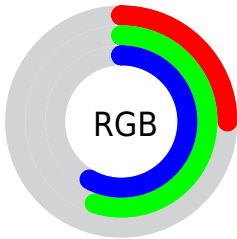
Format	Color
R _{YB}	63, 103, 147
Decimal	4165011
CIE _{Lab}	54.25, -21.98, -10.45
CIE _{LCh}	54, 24.338, 205.435
Y _{xy}	22.2131, 0.2404, 0.3171
Android (android.graphics.Color)	4282355091 (0xFF3F8D93)
YUV	118.3620, 14.1185, -48.5525
Hunter-Lab	47.1308, -18.6955, -6.0108

Details

The Hex color **3F8D93** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **93453F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **77C3C9**, and **005A60** is the 20% darker color. If you saturate the color by 10%, you get **308C93**, and if you desaturate by 10%, it is **4E8E93**.

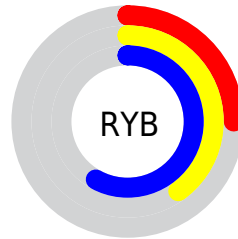
Distribution



Red (25%)

Green (55%)

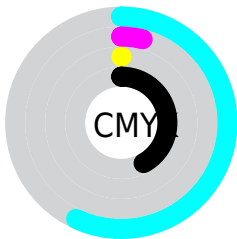
Blue (58%)



Red (25%)

Yellow (40%)

Blue (58%)

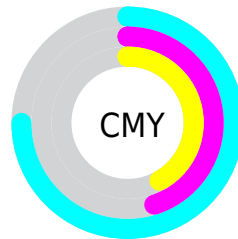


Cyan (57%)

Magenta (4%)

Yellow (0%)

Black (42%)



Cyan (75%)

Magenta (45%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F8D93 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 3F8D93 by changing the saturation by 10% instead.

3F8D93

3F8D93

FFFFFF

207379

77C3C9

005A60

93DFE5

004349

AFFCFF

002C32

CBFFFF

00181D

E9FFFF

000001

000000

3F8D93

3F8D93

308C93

4E8E93

■ 228B93

■ 5C8F93

■ 138A93

■ 6B9093

■ 048993

■ 7A9193

■ 008993

■ 899293

■ 979393

■ A69493

■ B59593

■ C39693

Harmonies

Analogous

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



4E8D7E



3F8D93



478AA4

Triad

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



3F8D93



9A769A



947F58

Complementary

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



3F8D93



93453F

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.



A47860



3F8D93



A97286

Square

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



3F8D93



807DA8



AC7371



7E865B

Rectangle

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



3F8D93



5887AA



AC7371



9A7D59

Sweetspot

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



3F8D93



9FBDBF



3F9345



4E6061



E0E0E0



616161

Same Dimension

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



3F8D93



3BB6BF



3F6393



43494A



00808A



00090A

Inverse Universe

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



933F8D



BF3BB6



936F3F



4A4349



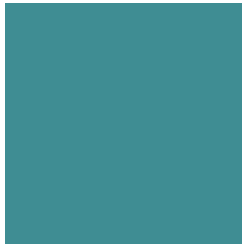
8A0080



0A0009

Previews

White Background



This preview shows how the Hex color 3F8D93 looks on a white background.

Color Contrast Check

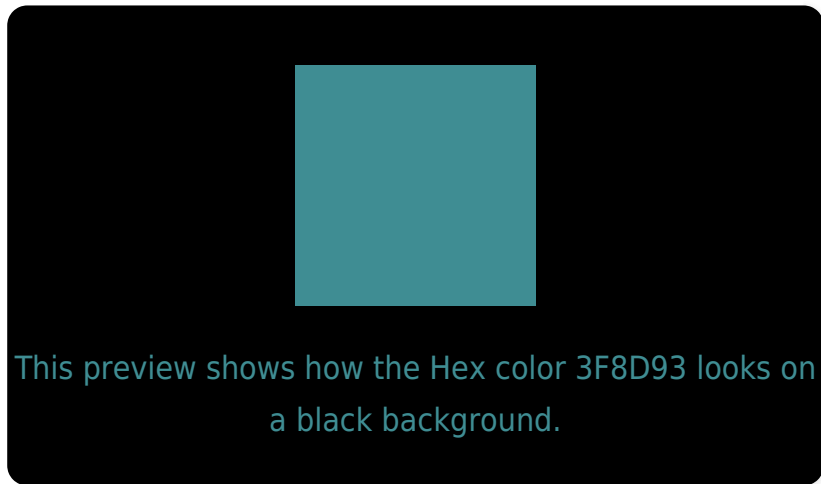
Large Text (above 18pt) WCAG AA ✓ Pass

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

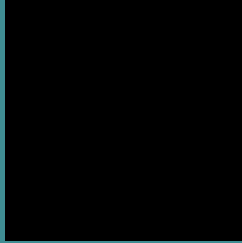
Any Text WCAG AA ✓ Pass

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 3F8D93 Background



This preview shows how black text looks on a background with the Hex color 3F8D93.

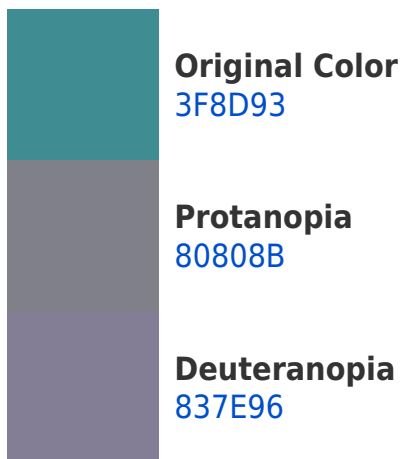


This preview shows how white text looks on a background with the Hex color 3F8D93.

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 3F8D93 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 #3F8D93 looks like.

```
.text, #text, p{  
    color:#3F8D93  
}
```

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 #3F8D93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F8D93
}
```

Border

The CSS property to change the border of an element to Hex 3F8D93 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
#3F8D93 }
```

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

```
.border{ border-color:#3F8D93 }
```

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

Here you see how a box with a 4 pixel #3F8D93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F8D93; -webkit-box-shadow:4px 4px  
4px 4px #3F8D93; box-shadow:4px 4px 4px  
4px #3F8D93 }
```

Background

The CSS property to change the background color of an element to Hex 3F8D93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F8D93 }
```

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

```
.background{ background-color:#3F8D93 }
```

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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