

Converting Colors

Hex(33998F)

Have a look what the booklet for
Hex(33998F) contains.

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Color

Hex(33998F)

Conversions

Conversions Part 1

Format	Color
Hex	33998F
RGB	51, 153, 143
RGB Percent	20%, 60%, 56%
CMY	0.8000, 0.4000, 0.4392
CMYK	0.67, 0.00, 0.07, 0.40
HSL	174°, 50%, 40%
HSV	174°, 67%, 60%
XYZ	17.7144, 25.4694, 29.9690
YIQ	121.3620, -57.5820, -24.7340

Conversions

Conversions Part 2

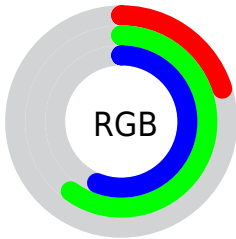
Format	Color
R_{YB}	51, 105, 153
Decimal	3381647
CIE _{Lab}	57.53, -31.33, -3.32
CIE _{LCh}	58, 31.510, 186.050
Y _{xy}	25.4694, 0.2422, 0.3482
Android (android.graphics.Color)	4281571727 (0xFF33998F)
Y _{UV}	121.3620, 10.6675, -61.7075
Hunter-Lab	50.4673, -25.6628, 0.1188

Details

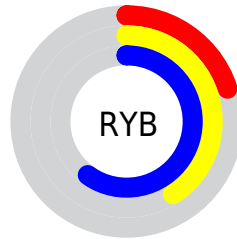
The Hex color **33998F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **99333D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6FD0C5**, and **00655D** is the 20% darker color. If you saturate the color by 10%, you get **24998D**, and if you desaturate by 10%, it is **429991**.

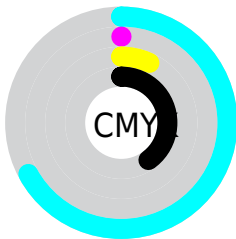
Distribution



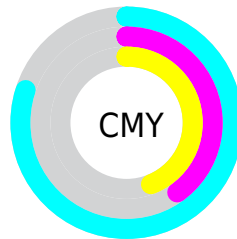
- Red (20%)
- Green (60%)
- Blue (56%)



- Red (20%)
- Yellow (41%)
- Blue (60%)



- Cyan (67%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)



- Cyan (80%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33998F 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 33998F by changing the saturation by 10% instead.

 33998F

 33998F

FFFFFF

 047F75

 6FD0C5

 00655D

 8BECE1

 004D45

 A8FFFD

 00352F

 C5FFFF

 00221A

 E2FFFF

 000000

 33998F

 33998F

 24998D

 429991

 14998C

 529992

05998B

619993

00998A

709995

809996

8F9998

9E999A

AD999B

BD999C

Harmonies

Analogous

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



589773



33998F



1A98AA

Triad

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



33998F



9581B7



AF8158

Complementary

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



33998F



99333D

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.



BD786B



33998F



B178A1

Square

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



33998F



6C8BC1



BF7586



978A53

Rectangle

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



33998F



2D95B7



BF7586



B57E5D

Sweetspot

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



33998F



9FC7C3



3D9933



4C6361



E3E3E3



636363

Same Dimension

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



33998F



28C7B7



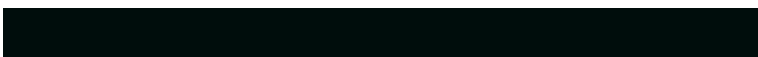
337099



454D4C



008C7F



000D0C

Inverse Universe

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



99333D



C72837



995C33



4D4546



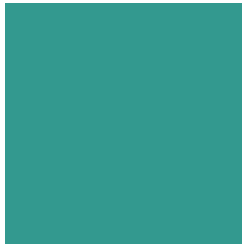
8C000E



0D0001

Previews

White Background



This preview shows how the Hex color 33998F looks on a white background.

Color Contrast Check

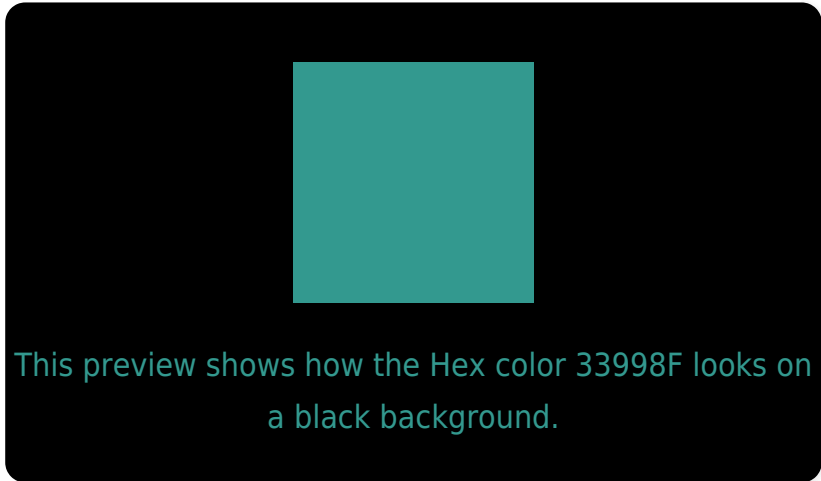
Large Text (above 18pt) WCAG AA ✓ Pass

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

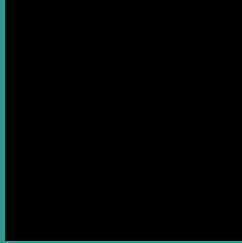
Any Text WCAG AA ✓ Pass

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 33998F Background



This preview shows how black text looks on a background with the Hex color 33998F.

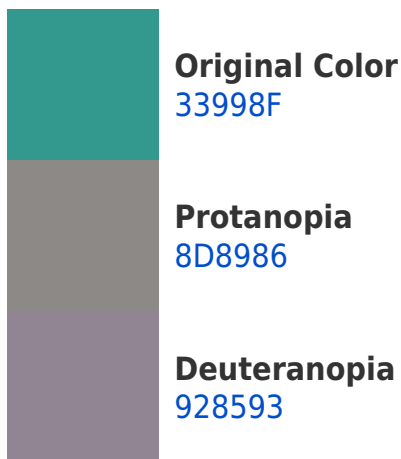


This preview shows how white text looks on a background with the Hex color 33998F.

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
3C96A2

Trichromacy



Original Color
33998F



Protanomaly
6C8F89



Deuteranomaly
6F8C92



Tritanomaly
39979B

Monochromacy



Original Color
33998F



Achromatopsia
797979



Achromatomaly
608581

CSS Examples

Text

The CSS property to change the color of the text to Hex 33998F 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 #33998F looks like.

```
.text, #text, p{  
    color:#33998F  
}
```

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 #33998F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33998F
}
```

Border

The CSS property to change the border of an element to Hex 33998F 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
#33998F }
```

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

```
.border{ border-color:#33998F }
```

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

Here you see how a box with a 4 pixel #33998F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33998F; -webkit-box-shadow:4px 4px  
4px 4px #33998F; box-shadow:4px 4px 4px  
4px #33998F }
```

Background

The CSS property to change the background color of an element to Hex 33998F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33998F }
```

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

```
.background{ background-color:#33998F }
```

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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