

Converting Colors

Hex(33A58F)

Have a look what the booklet for
Hex(33A58F) contains.

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Color

Hex(33A58F)

Conversions

Conversions Part 1

Format	Color
Hex	33A58F
RGB	51, 165, 143
RGB Percent	20%, 65%, 56%
CMY	0.8000, 0.3529, 0.4392
CMYK	0.69, 0.00, 0.13, 0.35
HSL	168°, 53%, 42%
HSV	168°, 69%, 65%
XYZ	19.7783, 29.5972, 30.6570
YIQ	128.4060, -60.8820, -31.0100

Conversions

Conversions Part 2

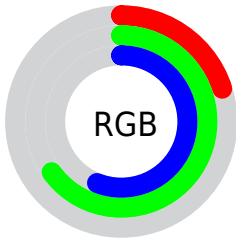
Format	Color
RYB	51, 114, 165
Decimal	3384719
CIELab	61.31, -36.92, 2.20
CIElCh	61, 36.985, 176.590
Yxy	29.5972, 0.2471, 0.3698
Android (android.graphics.Color)	4281574799 (0xFF33A58F)
YUV	128.4060, 7.1948, -67.8851
Hunter-Lab	54.4033, -30.3123, 4.6716

Details

The Hex color **33A58F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A53349**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **71DDC5**, and **00705D** is the 20% darker color. If you saturate the color by 10%, you get **23A58C**, and if you desaturate by 10%, it is **43A592**.

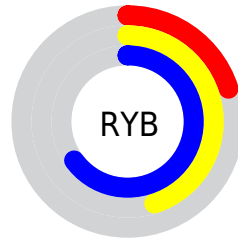
Distribution



Red (20%)

Green (65%)

Blue (56%)



Red (20%)

Yellow (45%)

Blue (65%)

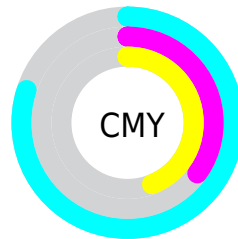


Cyan (69%)

Magenta (0%)

Yellow (13%)

Black (35%)



Cyan (80%)

Magenta (35%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33A58F 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 33A58F by changing the saturation by 10% instead.

 33A58F

 33A58F

FFFFFF

 008A75

 71DDC5

 00705D

 8DF9E1

 005745

 AAFFFD

 003F2F

 C8FFFF

 00291A

 E5FFFF

 000900

 000000

 33A58F

 33A58F

 23A58C

 43A592

■ 12A589

■ 54A595

■ 01A585

■ 65A599

■ 00A585

■ 75A59C

■ 85A59F

■ 96A5A2

■ A6A5A5

■ B7A5A8

■ C7A5AC

Harmonies

Analogous

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



64A26F



33A58F



00A5B0

Triad

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



33A58F



928DCE



C5855E

Complementary

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



33A58F



A53349

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.



D37C78



33A58F



BA81B8

Square

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



33A58F



5B98D5



CF7A99



AC9152

Rectangle

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



33A58F



00A2C3



CF7A99



CB8266

Sweetspot

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



33A58F



A9D6CE



4AA533



506B66



EBEBEB



6B6B6B

Same Dimension

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



33A58F



24D6B4



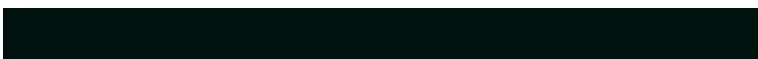
3383A5



495250



009175



00120E

Inverse Universe

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



A53349



D62447



A55533



52494B



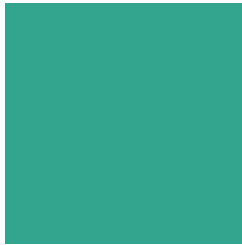
91001C



120003

Previews

White Background



This preview shows how the Hex color 33A58F looks on a white background.

Color Contrast Check

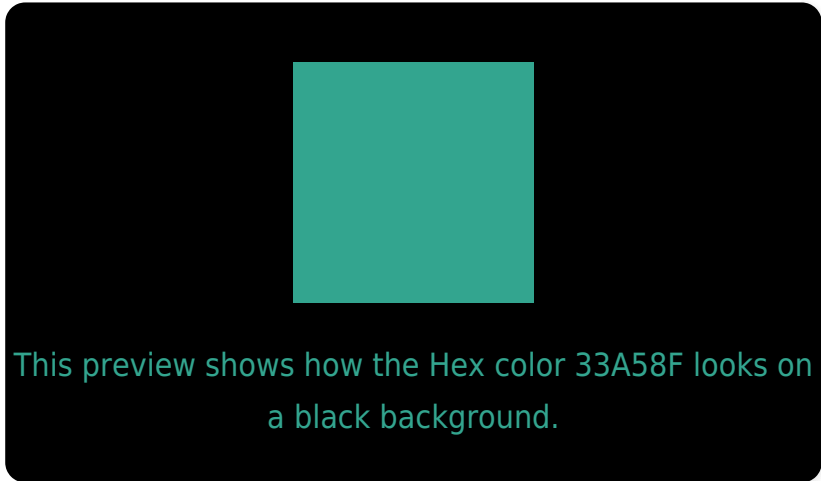
Large Text (above 18pt) WCAG AA ✓ Pass

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

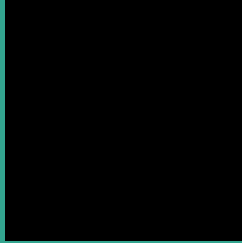
Any Text WCAG AA ✓ Pass

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 33A58F Background



This preview shows how black text looks on a background with the Hex color 33A58F.

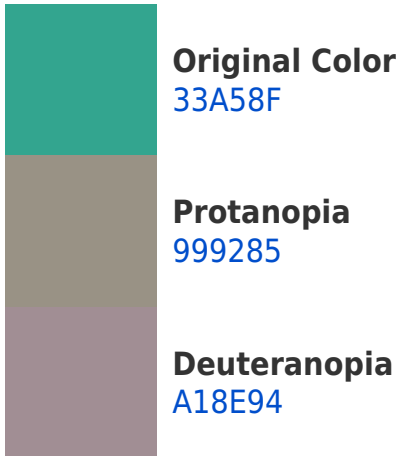


This preview shows how white text looks on a background with the Hex color 33A58F.

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](#).

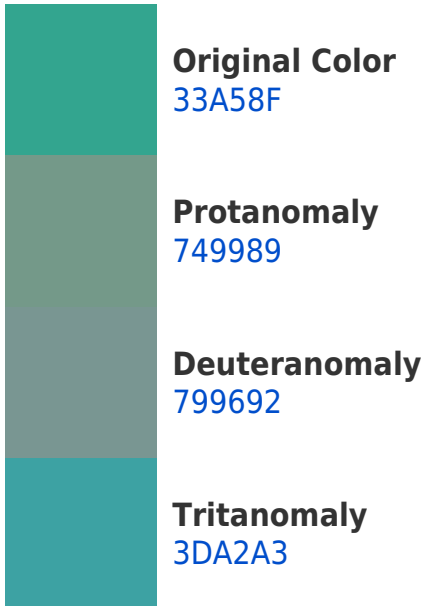
Dichromacy



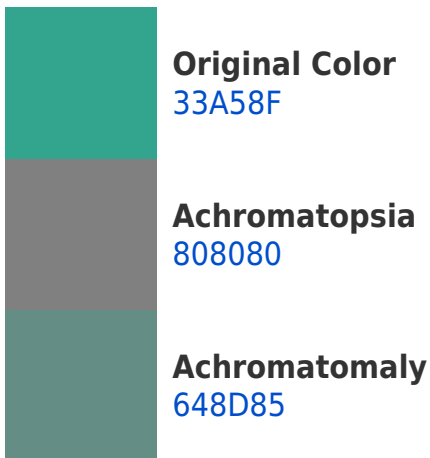


Tritanopia
42A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33A58F 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 #33A58F looks like.

```
.text, #text, p{  
    color:#33A58F  
}
```

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 #33A58F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33A58F
}
```

Border

The CSS property to change the border of an element to Hex 33A58F 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
#33A58F }
```

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

```
.border{ border-color:#33A58F }
```

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

Here you see how a box with a 4 pixel #33A58F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33A58F; -webkit-box-shadow:4px 4px  
4px 4px #33A58F; box-shadow:4px 4px 4px  
4px #33A58F }
```

Background

The CSS property to change the background color of an element to Hex 33A58F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33A58F }
```

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

```
.background{ background-color:#33A58F }
```

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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