

# Converting Colors

Hex(32A58F)

Have a look what the booklet for  
Hex(32A58F) contains.

<b>Hex(32A58F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(32A58F)

# Conversions

## Conversions Part 1

Format	Color
Hex	32A58F
RGB	50, 165, 143
RGB Percent	20%, 65%, 56%
CMY	0.8039, 0.3529, 0.4392
CMYK	0.70, 0.00, 0.13, 0.35
HSL	169°, 53%, 42%
HSV	169°, 70%, 65%
XYZ	19.7285, 29.5715, 30.6547
YIQ	128.1070, -61.4780, -31.2220

# Conversions

## Conversions Part 2

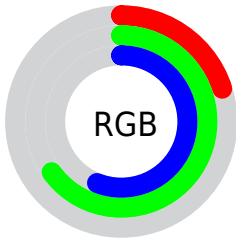
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 114, 165
Decimal	3319183
CIELab	61.28, -37.07, 2.16
CIELCh	61, 37.135, 176.659
Yxy	29.5715, 0.2467, 0.3699
Android (android.graphics.Color)	4281509263 (0xFF32A58F)
YUV	128.1070, 7.3422, -68.4998
Hunter-Lab	54.3797, -30.4064, 4.6431

# Details

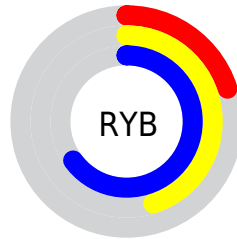
The Hex color **32A58F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A53248**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **70DDC5**, and **00705D** is the 20% darker color. If you saturate the color by 10%, you get **21A58C**, and if you desaturate by 10%, it is **42A592**.

# Distribution



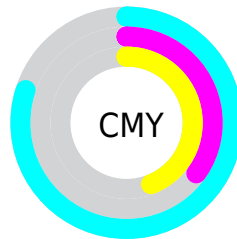
- Red (20%)
- Green (65%)
- Blue (56%)



- Red (20%)
- Yellow (45%)
- Blue (65%)



- Cyan (70%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)



- Cyan (80%)
- Magenta (35%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32A58F 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 32A58F by changing the saturation by 10% instead.





32A58F



32A58F

FFFFFF



008A75



70DDC5



00705D



8DF9E1



005745



AAFFFD



003F2F



C7FFFF



00291A



E5FFFF



000900



000000



32A58F



32A58F



21A58C



42A592

■ 11A589

■ 53A595

■ 00A586

■ 63A598

■ 00A585

■ 74A59C

■ 84A59F

■ 95A5A2

■ A5A5A5

■ B6A5A8

■ C6A5AB

# Harmonies

## Analogous

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



64A26F



32A58F



00A5B0

# Triad

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



32A58F



928DCF



C6855E

# Complementary

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



32A58F



A53248

# 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



32A58F



BA81B8

# Square

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



32A58F



5A98D5



CF7A99



AC9152

# Rectangle

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



32A58F



00A2C3



CF7A99



CB8266



# Sweetspot

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



32A58F



A9D6CE



49A532



506B66



EBEBEB



6B6B6B



# Same Dimension

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



32A58F



22D6B4



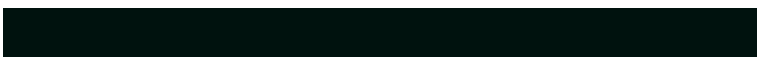
3282A5



495250



009176



00120E



# Inverse Universe

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



A53248



D62245



A55532



52494B



91001C

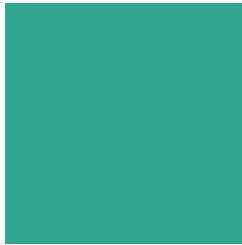


120003



# Previews

## White Background



This preview shows how the Hex color 32A58F looks on a white background.

## Color Contrast Check

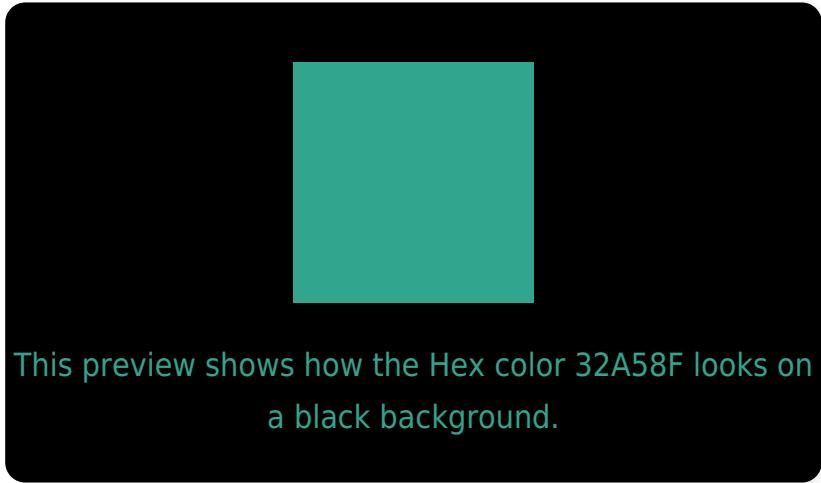
Large Text (above 18pt) WCAG AA ✓ Pass

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

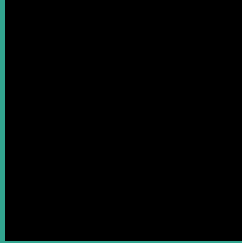
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 32A58F Background



This preview shows how black text looks on a background with the Hex color 32A58F.

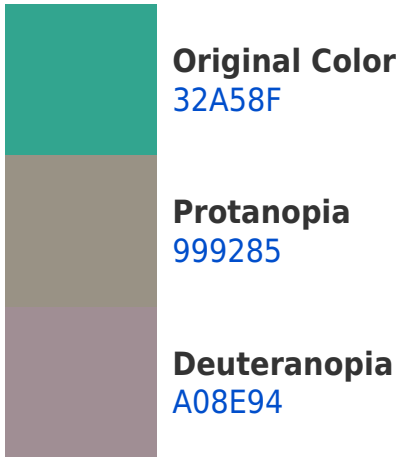


This preview shows how white text looks on a background with the Hex color 32A58F.

# 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



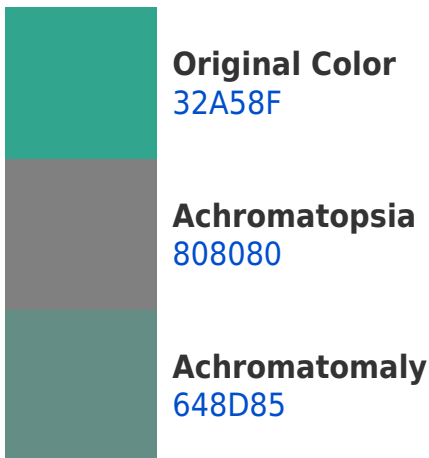


**Tritanopia**  
41A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32A58F 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 #32A58F looks like.

```
.text, #text, p{  
    color:#32A58F  
}
```

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 #32A58F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32A58F
}
```

## Border

The CSS property to change the border of an element to Hex 32A58F 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
#32A58F }
```

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

```
.border{ border-color:#32A58F }
```

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

Here you see how a box with a 4 pixel #32A58F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32A58F; -webkit-box-shadow:4px 4px  
4px 4px #32A58F; box-shadow:4px 4px 4px  
4px #32A58F }
```

# Background

The CSS property to change the background color of an element to Hex 32A58F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32A58F }
```

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

```
.background{ background-color:#32A58F }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor