

Converting Colors

Hex(3FA58C)

Have a look what the booklet for
Hex(3FA58C) contains.

Hex(3FA58C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3FA58C)

Conversions

Conversions Part 1

Format	Color
Hex	3FA58C
RGB	63, 165, 140
RGB Percent	25%, 65%, 55%
CMY	0.7529, 0.3529, 0.4510
CMYK	0.62, 0.00, 0.15, 0.35
HSL	165°, 45%, 45%
HSV	165°, 62%, 65%
XYZ	20.2387, 29.8605, 29.5079
YIQ	131.6520, -52.7670, -29.3990

Conversions

Conversions Part 2

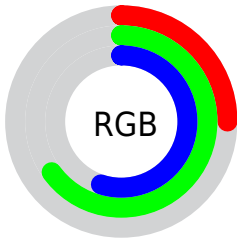
Format	Color
RYB	63, 121, 165
Decimal	4171148
CIELab	61.53, -35.62, 4.25
CIElCh	62, 35.876, 173.193
Yxy	29.8605, 0.2542, 0.3751
Android (android.graphics.Color)	4282361228 (0xFF3FA58C)
YUV	131.6520, 4.1156, -60.2078
Hunter-Lab	54.6447, -29.5176, 6.2350

Details

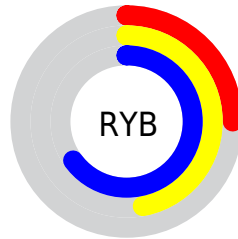
The Hex color **3FA58C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A53F58**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **79DDC2**, and **00705A** is the 20% darker color. If you saturate the color by 10%, you get **2FA588**, and if you desaturate by 10%, it is **50A590**.

Distribution



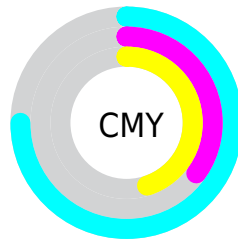
- Red (25%)
- Green (65%)
- Blue (55%)



- Red (25%)
- Yellow (47%)
- Blue (65%)



- Cyan (62%)
- Magenta (0%)
- Yellow (15%)
- Black (35%)



- Cyan (75%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FA58C 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 3FA58C by changing the saturation by 10% instead.



3FA58C



3FA58C

FFFFFF



1C8A73



79DDC2



00705A



95F9DD



005743



B2FFFA



003F2D



CFFFFFF



002918



EDFFFF



000A00



000000



3FA58C



3FA58C



2FA588



50A590

■ 1EA584

■ 60A594

■ 0EA580

■ 71A598

■ 00A57D

■ 81A59C

■ 92A5A0

■ A2A5A4

■ B2A5A8

■ C3A5AC

■ D3A5B0

Harmonies

Analogous

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



6BA16D



3FA58C



00A5AD

Triad

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



3FA58C



8D8FCF



C78563

Complementary

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



3FA58C



A53F58

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.



D27D7D



3FA58C



B684BB

Square

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



3FA58C



589AD3



CD7C9D



B09055

Rectangle

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



3FA58C



00A3BF



CD7C9D



CC826B

Sweetspot

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



3FA58C



AED6CC



59A53F



526B65



EBEBEB



6B6B6B

Same Dimension

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



3FA58C



38D6AF



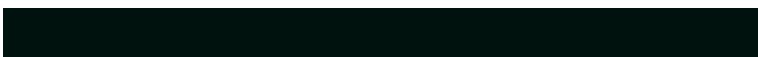
3F8BA5



495250



00916E



00120D

Inverse Universe

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



A53F58



D6385F



A5593F



52494B



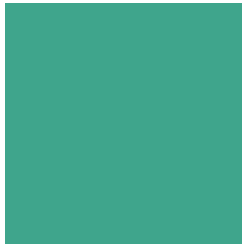
910024



120004

Previews

White Background



This preview shows how the Hex color 3FA58C 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

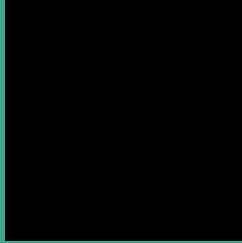
Any Text WCAG AA ✓ Pass

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 3FA58C Background



This preview shows how black text looks on a background with the Hex color 3FA58C.

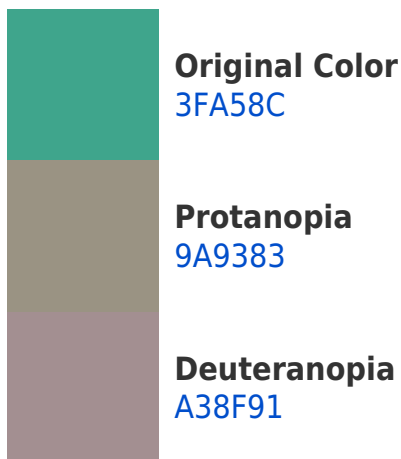


This preview shows how white text looks on a background with the Hex color 3FA58C.

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



Trichromacy



Original Color
3FA58C



Protanomaly
799A86



Deuteranomaly
7F978F



Tritanomaly
47A2A1

Monochromacy



Original Color
3FA58C



Achromatopsia
848484



Achromatomaly
6B9087

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FA58C 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 #3FA58C looks like.

```
.text, #text, p{  
    color:#3FA58C  
}
```

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 #3FA58C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FA58C
}
```

Border

The CSS property to change the border of an element to Hex 3FA58C 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
#3FA58C }
```

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

```
.border{ border-color:#3FA58C }
```

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

Here you see how a box with a 4 pixel #3FA58C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FA58C; -webkit-box-shadow:4px 4px  
4px 4px #3FA58C; box-shadow:4px 4px 4px  
4px #3FA58C }
```

Background

The CSS property to change the background color of an element to Hex 3FA58C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FA58C }
```

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

```
.background{ background-color:#3FA58C }
```

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