

Converting Colors

Hex(3FA49A)

Have a look what the booklet for
Hex(3FA49A) contains.

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Color

Hex(3FA49A)

Conversions

Conversions Part 1

Format	Color
Hex	3FA49A
RGB	63, 164, 154
RGB Percent	25%, 64%, 60%
CMY	0.7529, 0.3569, 0.3961
CMYK	0.62, 0.00, 0.06, 0.36
HSL	174°, 44%, 45%
HSV	174°, 62%, 64%
XYZ	21.1581, 29.9408, 35.2358
YIQ	132.6610, -56.9860, -24.5220

Conversions

Conversions Part 2

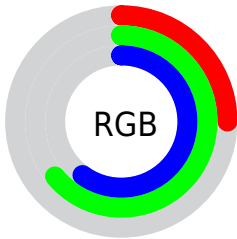
Format	Color
R _{YB}	63, 116, 164
Decimal	4170906
CIE _{Lab}	61.60, -31.47, -3.51
CIE _{LCh}	62, 31.664, 186.369
Y _{xy}	29.9408, 0.2451, 0.3468
Android (android.graphics.Color)	4282360986 (0xFF3FA49A)
Y _{UV}	132.6610, 10.5201, -61.0927
Hunter-Lab	54.7182, -26.7355, 0.1228

Details

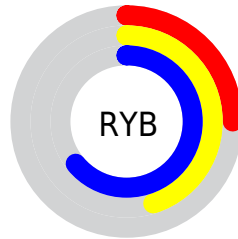
The Hex color **3FA49A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A43F49**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7ADB00**, and **007067** is the 20% darker color. If you saturate the color by 10%, you get **2FA498**, and if you desaturate by 10%, it is **4FA49C**.

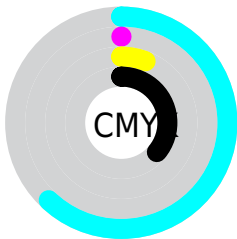
Distribution



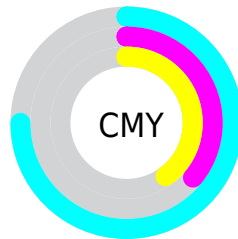
- Red (25%)
- Green (64%)
- Blue (60%)



- Red (25%)
- Yellow (45%)
- Blue (64%)



- Cyan (62%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (75%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FA49A 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 3FA49A by changing the saturation by 10% instead.



3FA49A



3FA49A

FFFFFF



1B8980



7ADBD0



007067



96F8ED



00574F



B3FFFF



003F38



D0FFFF



002823



EEFFFF



000C0E



000000



3FA49A



3FA49A



2FA498



4FA49C

■ 1EA497

■ 60A49D

■ 0EA495

■ 70A49F

■ 00A494

■ 81A4A0

■ 91A4A2

■ A1A4A4

■ B2A4A5

■ C2A4A7

■ D3A4A9

Harmonies

Analogous

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



62A27D



3FA49A



2DA3B5

Triad

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



3FA49A



A08BC2



BA8B62

Complementary

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



3FA49A



A43F49

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.



C98375



3FA49A



BD83AC

Square

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



3FA49A



7795CC



CB7F90



A2955D

Rectangle

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



3FA49A



3CA0C3



CB7F90



C18867

Sweetspot

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



3FA49A



B0D6D2



49A43F



546B69



EBEBEB



6B6B6B

Same Dimension

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



3FA49A



38D6C7



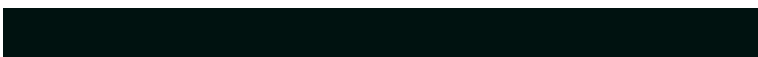
3F7CA4



495251



009183



001210

Inverse Universe

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



A43F49



D63847



A4673F



52494A



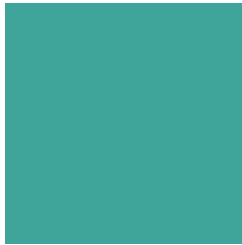
91000E



120002

Previews

White Background



This preview shows how the Hex color 3FA49A looks on a white background.

Color Contrast Check

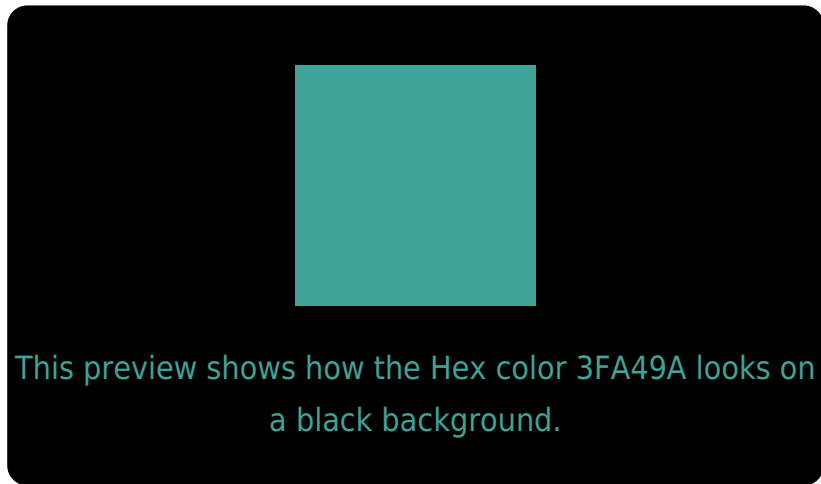
Large Text (above 18pt) WCAG AA ✓ Pass

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

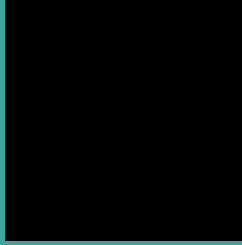
Any Text WCAG AA ✓ Pass

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 3FA49A Background



This preview shows how black text looks on a background with the Hex color 3FA49A.

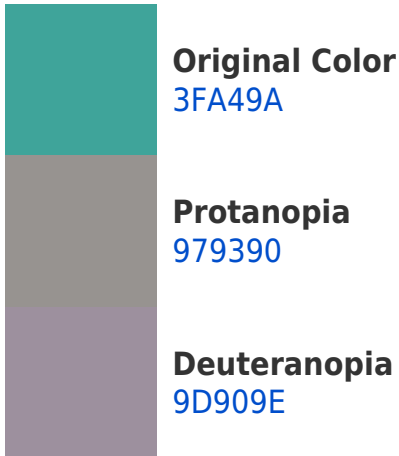


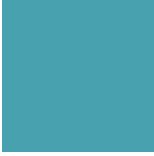
This preview shows how white text looks on a background with the Hex color 3FA49A.

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
48A1AE

Trichromacy



Original Color
3FA49A



Protanomaly
779994



Deuteranomaly
7B979D



Tritanomaly
45A2A7

Monochromacy



Original Color
3FA49A



Achromatopsia
858585



Achromatomaly
6C908D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FA49A 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 #3FA49A looks like.

```
.text, #text, p{  
    color:#3FA49A  
}
```

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 #3FA49A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FA49A
}
```

Border

The CSS property to change the border of an element to Hex 3FA49A 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
#3FA49A }
```

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

```
.border{ border-color:#3FA49A }
```

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

Here you see how a box with a 4 pixel #3FA49A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FA49A; -webkit-box-shadow:4px 4px  
4px 4px #3FA49A; box-shadow:4px 4px 4px  
4px #3FA49A }
```

Background

The CSS property to change the background color of an element to Hex 3FA49A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FA49A }
```

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

```
.background{ background-color:#3FA49A }
```

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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