

# Converting Colors

Hex(3FA293)

Have a look what the booklet for  
Hex(3FA293) contains.

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**Color**

**Hex(3FA293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FA293
RGB	63, 162, 147
RGB Percent	25%, 64%, 58%
CMY	0.7529, 0.3647, 0.4235
CMYK	0.61, 0.00, 0.09, 0.36
HSL	171°, 44%, 44%
HSV	171°, 61%, 64%
XYZ	20.2367, 29.0040, 32.1355
YIQ	130.6890, -54.1890, -25.6530

# Conversions

## Conversions Part 2

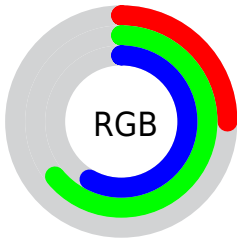
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 117, 162
Decimal	4170387
CIELab	60.79, -32.41, -0.77
CIELCh	61, 32.416, 181.363
Yxy	29.0040, 0.2487, 0.3564
Android (android.graphics.Color)	4282360467 (0xFF3FA293)
YUV	130.6890, 8.0413, -59.3633
Hunter-Lab	53.8554, -27.1737, 2.3204

# Details

The Hex color **3FA293** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A23F4E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **79D9C9**, and **006E61** is the 20% darker color. If you saturate the color by 10%, you get **2FA291**, and if you desaturate by 10%, it is **4FA295**.

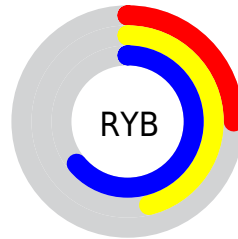
# Distribution



Red (25%)

Green (64%)

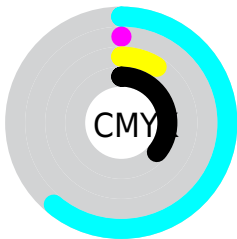
Blue (58%)



Red (25%)

Yellow (46%)

Blue (64%)

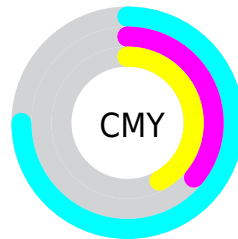


Cyan (61%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (75%)

Magenta (36%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FA293 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 3FA293 by changing the saturation by 10% instead.





3FA293



3FA293

FFFFFF



1C8779



79D9C9



006E61



95F6E5



005549



B2FFFF



003D32



CFFFFFF



00271D



EDFFFF



000605



000000



3FA293



3FA293



2FA291



4FA295

■ 1FA28E

■ 5FA298

■ 0EA28C

■ 70A29A

■ 00A289

■ 80A29D

■ 90A29F

■ A0A2A2

■ B0A2A4

■ C1A2A7

■ D1A2A9

# Harmonies

## Analogous

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



649F76



3FA293



22A1AF

# Triad

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



3FA293



988BC3



BC8761

# Complementary

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



3FA293



A23F4E

# 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.



C97F76



3FA293



B881AF

# Square

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



3FA293



6C95CB



C97D92



A49159

# Rectangle

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



3FA293



2E9FBE



C97D92



C28467



# Sweetspot

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



3FA293



AED4CE



4FA23F



546B68



EBEBEB



6B6B6B



# Same Dimension

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



3FA293



39D4BC



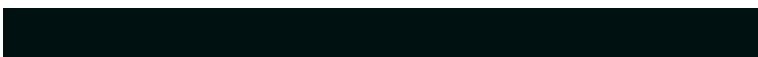
3F81A2



495250



00917B



00120F



# Inverse Universe

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



A23F4E



D43951



A2603F



52494B



910016

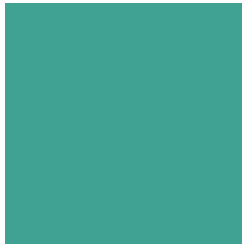


120003



# Previews

## White Background



This preview shows how the Hex color 3FA293 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

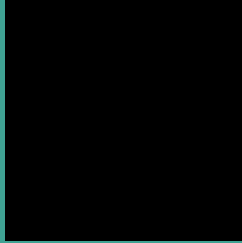
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3FA293 Background



This preview shows how black text looks on a background with the Hex color 3FA293.

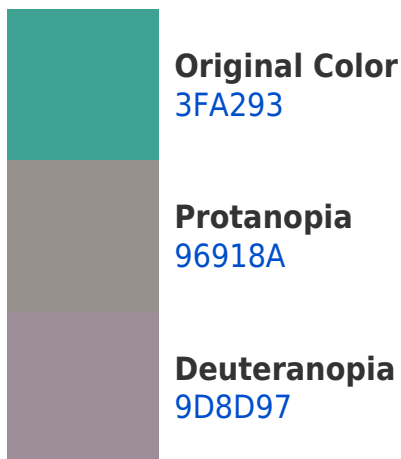


This preview shows how white text looks on a background with the Hex color 3FA293.

# 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**  
499EAB

# Trichromacy



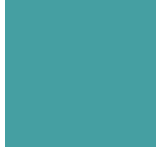
**Original Color**  
3FA293



**Protanomaly**  
76978D



**Deuteranomaly**  
7B9596



**Tritanomaly**  
459FA2

# Monochromacy



**Original Color**  
3FA293



**Achromatopsia**  
838383



**Achromatomaly**  
6A8E89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FA293 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 #3FA293 looks like.

```
.text, #text, p{  
    color:#3FA293  
}
```

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 #3FA293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FA293
}
```

## Border

The CSS property to change the border of an element to Hex 3FA293 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
#3FA293 }
```

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

```
.border{ border-color:#3FA293 }
```

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

Here you see how a box with a 4 pixel #3FA293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FA293; -webkit-box-shadow:4px 4px  
4px 4px #3FA293; box-shadow:4px 4px 4px  
4px #3FA293 }
```

# Background

The CSS property to change the background color of an element to Hex 3FA293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FA293 }
```

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

```
.background{ background-color:#3FA293 }
```

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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