

Converting Colors

Hex(3FA7A3)

Have a look what the booklet for
Hex(3FA7A3) contains.

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Color

Hex(3FA7A3)

Conversions

Conversions Part 1

Format	Color
Hex	3FA7A3
RGB	63, 167, 163
RGB Percent	25%, 65%, 64%
CMY	0.7529, 0.3451, 0.3608
CMYK	0.62, 0.00, 0.02, 0.35
HSL	178°, 45%, 45%
HSV	178°, 62%, 65%
XYZ	22.4795, 31.3385, 39.5145
YIQ	135.4480, -60.7000, -23.2920

Conversions

Conversions Part 2

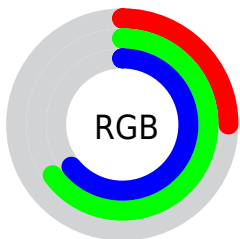
Format	Color
RYB	63, 116, 167
Decimal	4171683
CIELab	62.79, -30.41, -6.81
CIELCh	63, 31.166, 192.619
Yxy	31.3385, 0.2409, 0.3358
Android (android.graphics.Color)	4282361763 (0xFF3FA7A3)
YUV	135.4480, 13.5831, -63.5369
Hunter-Lab	55.9808, -26.2886, -2.6637

Details

The Hex color **3FA7A3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A73F43**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7BDFDA**, and **00726F** is the 20% darker color. If you saturate the color by 10%, you get **2EA7A2**, and if you desaturate by 10%, it is **50A7A4**.

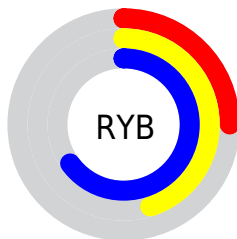
Distribution



Red (25%)

Green (65%)

Blue (64%)



Red (25%)

Yellow (45%)

Blue (65%)

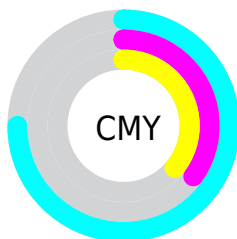


Cyan (62%)

Magenta (0%)

Yellow (2%)

Black (35%)



Cyan (75%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FA7A3 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 3FA7A3 by changing the saturation by 10% instead.

 3FA7A3

 3FA7A3

FFFFFF

 198C89

 7BDFDA

 00726F

 97FBF6

 005957

 B4FFFF

 004140

 D2FFFF

 002B2A

 EFFFFFFF

 001216

 000000

 3FA7A3

 3FA7A3

 2EA7A2

 50A7A4

■ 1EA7A2

■ 60A7A4

■ 0DA7A1

■ 71A7A5

■ 00A7A1

■ 82A7A6

■ 92A7A6

■ A3A7A7

■ B4A7A7

■ C5A7A8

■ D5A7A9

Harmonies

Analogous

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



5FA686



3FA7A3



37A5BC

Triad

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



3FA7A3



AA8DC1



B99163

Complementary

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



3FA7A3



A73F43

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.



CA8874



3FA7A3



C485A9

Square

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



3FA7A3



8497CE



CF838D



9F9A61

Rectangle

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



3FA7A3



4BA2C8



CF838D



C08D67

Sweetspot

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



3FA7A3



B0D9D7



44A73F



546E6D



EDEDED



6E6E6E

Same Dimension

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



3FA7A3



36D9D2



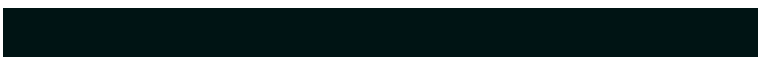
3F78A7



4C5454



00948E



001414

Inverse Universe

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



A73F43



D9363C



A76E3F



544C4C



940006



140001

Previews

White Background



This preview shows how the Hex color 3FA7A3 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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

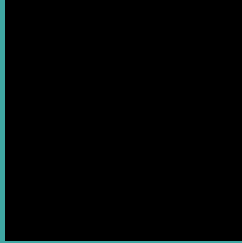
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 3FA7A3 Background



This preview shows how black text looks on a background with the Hex color 3FA7A3.

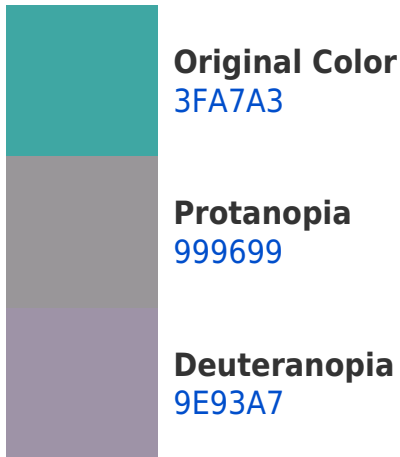


This preview shows how white text looks on a background with the Hex color 3FA7A3.

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](#).

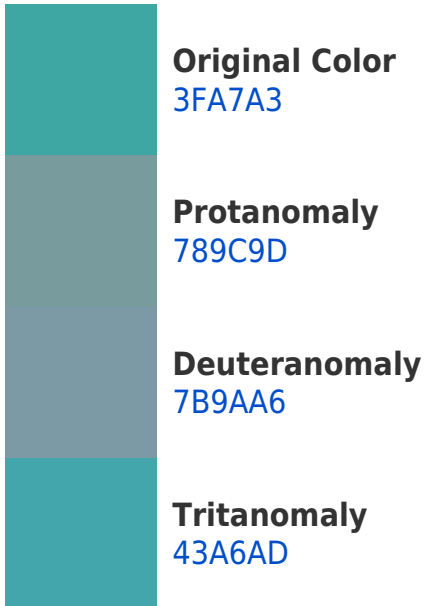
Dichromacy





Tritanopia
46A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FA7A3 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 #3FA7A3 looks like.

```
.text, #text, p{  
    color:#3FA7A3  
}
```

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 #3FA7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FA7A3
}
```

Border

The CSS property to change the border of an element to Hex 3FA7A3 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
#3FA7A3 }
```

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

```
.border{ border-color:#3FA7A3 }
```

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

Here you see how a box with a 4 pixel #3FA7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FA7A3; -webkit-box-shadow:4px 4px  
4px 4px #3FA7A3; box-shadow:4px 4px 4px  
4px #3FA7A3 }
```

Background

The CSS property to change the background color of an element to Hex 3FA7A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FA7A3 }
```

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

```
.background{ background-color:#3FA7A3 }
```

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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