

Converting Colors

Hex(3FA6A7)

Have a look what the booklet for
Hex(3FA6A7) contains.

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Color

Hex(3FA6A7)

Conversions

Conversions Part 1

Format	Color
Hex	3FA6A7
RGB	63, 166, 167
RGB Percent	25%, 65%, 65%
CMY	0.7529, 0.3490, 0.3451
CMYK	0.62, 0.01, 0.00, 0.35
HSL	181°, 45%, 45%
HSV	181°, 62%, 65%
XYZ	22.6612, 31.1192, 41.3715
YIQ	135.3170, -61.7090, -21.5250

Conversions

Conversions Part 2

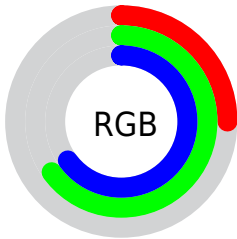
Format	Color
RYB	63, 115, 167
Decimal	4171431
CIELab	62.61, -28.79, -9.33
CIElCh	63, 30.261, 197.952
Yxy	31.1192, 0.2382, 0.3270
Android (android.graphics.Color)	4282361511 (0xFF3FA6A7)
YUV	135.3170, 15.6197, -63.4220
Hunter-Lab	55.7846, -25.1117, -4.9219

Details

The Hex color **3FA6A7** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A7403F**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7BDDDE**, and **007273** is the 20% darker color. If you saturate the color by 10%, you get **2EA6A7**, and if you desaturate by 10%, it is **50A6A7**.

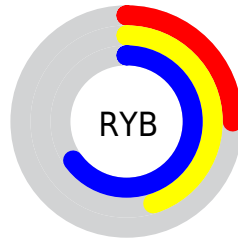
Distribution



Red (25%)

Green (65%)

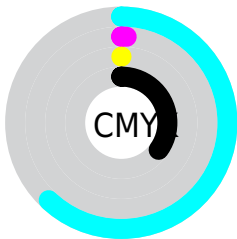
Blue (65%)



Red (25%)

Yellow (45%)

Blue (65%)

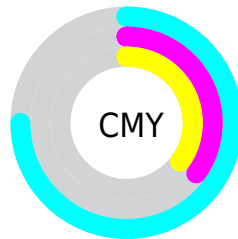


Cyan (62%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (75%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FA6A7 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 3FA6A7 by changing the saturation by 10% instead.

3FA6A7

3FA6A7

FFFFFF

198B8D

7BDDDE

007273

98FAFB

00595B

B5FFFF

004143

D2FFFF

002A2D

F0FFFF

001119

000000

3FA6A7

3FA6A7

2EA6A7

50A6A7

1EA6A7

60A6A7

0DA6A7

71A6A7

00A5A7

82A7A7

92A7A7

A3A7A7

B4A7A7

C5A7A7

D5A7A7

Harmonies

Analogous

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



5BA58B



3FA6A7



40A3BE

Triad

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



3FA6A7



AF8BBC



B49263

Complementary

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



3FA6A7



A7403F

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.



C68971



3FA6A7



C584A3

Square

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



3FA6A7



8C94CA



CD8488



999B64

Rectangle

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



3FA6A7



55A0C9



CD8488



BB8F66

Sweetspot

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



3FA6A7



B0D8D9



3FA73F



546D6E



EDEDED



6E6E6E

Same Dimension

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



3FA6A7



36D7D9



3F73A7



4C5454



009294



001414

Inverse Universe

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



A73FA6



D936D7



A7733F



544C54



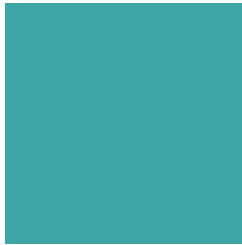
940092



140014

Previews

White Background



This preview shows how the Hex color 3FA6A7 looks on a white background.

Color Contrast Check

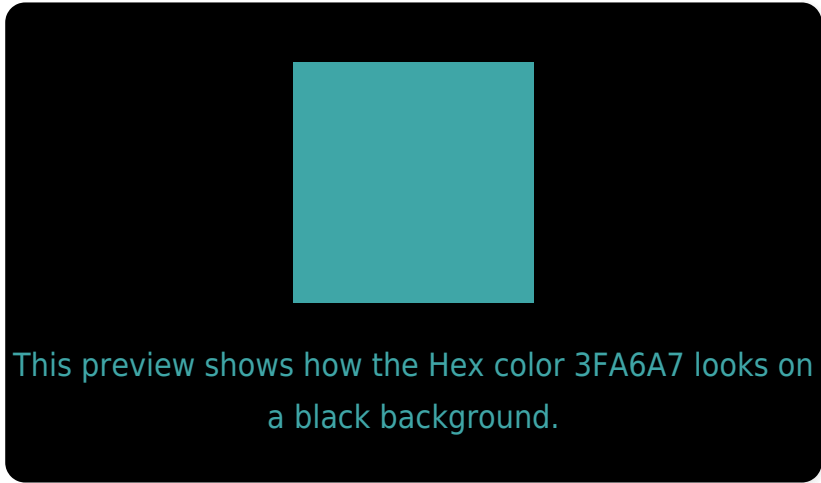
Large Text (above 18pt) WCAG AA × Fail

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

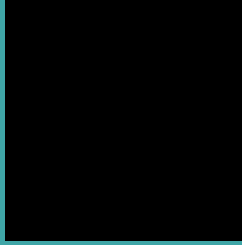
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

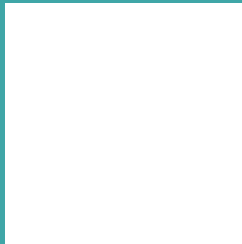
Any Text WCAG AAA ✓ Pass

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

Hex 3FA6A7 Background



This preview shows how black text looks on a background with the Hex color 3FA6A7.

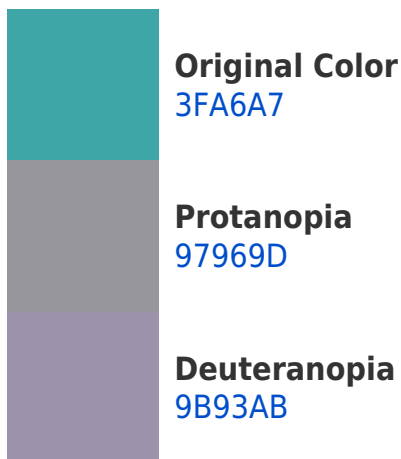


This preview shows how white text looks on a background with the Hex color 3FA6A7.

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](#).

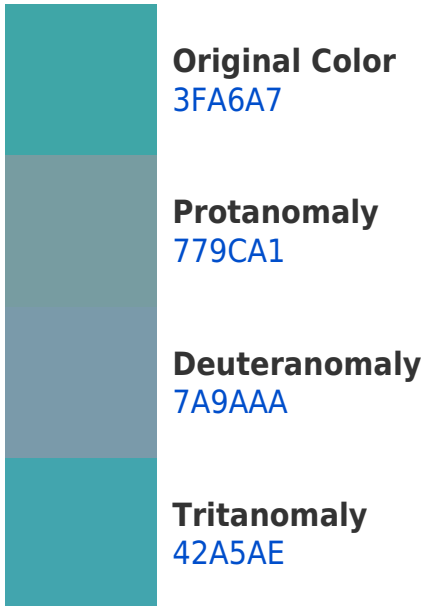
Dichromacy



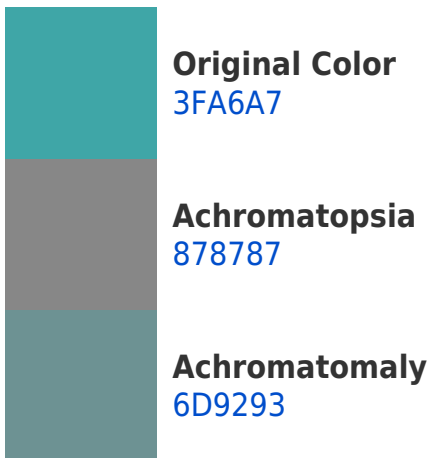


Tritanopia
44A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FA6A7 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 #3FA6A7 looks like.

```
.text, #text, p{  
    color:#3FA6A7  
}
```

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 #3FA6A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FA6A7
}
```

Border

The CSS property to change the border of an element to Hex 3FA6A7 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
#3FA6A7 }
```

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

```
.border{ border-color:#3FA6A7 }
```

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

Here you see how a box with a 4 pixel #3FA6A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FA6A7; -webkit-box-shadow:4px 4px  
4px 4px #3FA6A7; box-shadow:4px 4px 4px  
4px #3FA6A7 }
```

Background

The CSS property to change the background color of an element to Hex 3FA6A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FA6A7 }
```

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

```
.background{ background-color:#3FA6A7 }
```

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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