

Converting Colors

Hex(3BAD7F)

Have a look what the booklet for
Hex(3BAD7F) contains.

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Color

Hex(3BAD7F)

Conversions

Conversions Part 1

Format	Color
Hex	3BAD7F
RGB	59, 173, 127
RGB Percent	23%, 68%, 50%
CMY	0.7686, 0.3216, 0.5020
CMYK	0.66, 0.00, 0.27, 0.32
HSL	156°, 49%, 45%
HSV	156°, 66%, 68%
XYZ	20.5780, 32.3493, 25.2381
YIQ	133.6700, -53.1780, -38.4740

Conversions

Conversions Part 2

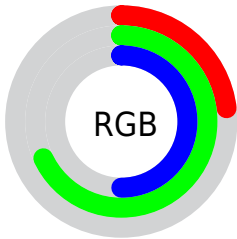
Format	Color
R _{YB}	59, 130, 173
Decimal	3911039
CIE Lab	63.63, -43.00, 14.44
CIE LCh	64, 45.361, 161.440
Yxy	32.3493, 0.2633, 0.4139
Android (android.graphics.Color)	4282101119 (0xFF3BAD7F)
YUV	133.6700, -3.2883, -65.4856
Hunter-Lab	56.8764, -34.9521, 13.5043

Details

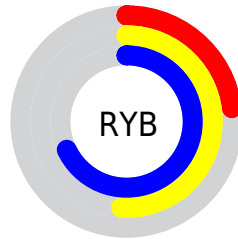
The Hex color **3BAD7F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD3B69**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **77E5B4**, and **00784E** is the 20% darker color. If you saturate the color by 10%, you get **2AAD78**, and if you desaturate by 10%, it is **4CAD86**.

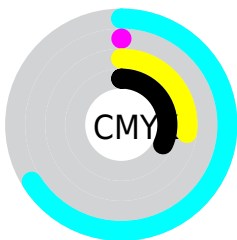
Distribution



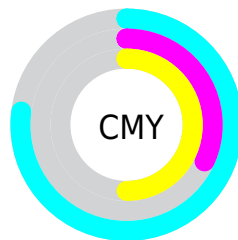
- Red (23%)
- Green (68%)
- Blue (50%)



- Red (23%)
- Yellow (51%)
- Blue (68%)



- Cyan (66%)
- Magenta (0%)
- Yellow (27%)
- Black (32%)



- Cyan (77%)
- Magenta (32%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BAD7F 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 3BAD7F by changing the saturation by 10% instead.

 3BAD7F

 3BAD7F

FFFFFF

 139266

 77E5B4

 00784E

 94FFCF

 005E37

 B0FFEC

 004521

 CEFFFF

 002E0C

 EBFFFF

 001500

 000000

 3BAD7F

 3BAD7F

 2AAD78

 4CAD86

 18AD71

 5EAD8D

 07AD6A

 6FAD94

 00AD67

 80AD9B

 92ADA2

 A3ADA9

 B4ADB0

 C5ADB7

 D7ADBE

Harmonies

Analogous

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



77A75B



3BAD7F



00AFA9

Triad

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



3BAD7F



7399E9



E08167

Complementary

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



3BAD7F



AD3B69

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.



E7788C



3BAD7F



B289D7

Square

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



3BAD7F



00A5E6



D87CB5



C78F4D

Rectangle

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



3BAD7F



00AEC3



D87CB5



E47D72

Sweetspot

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



3BAD7F



B4E0CE



6AAD3B



557065



F0F0F0



707070

Same Dimension

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



3BAD7F



2FE099



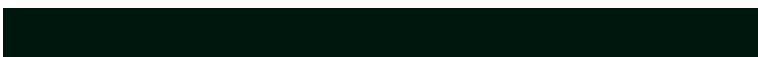
3BA4AD



4E5753



00965A



00170E

Inverse Universe

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



AD3B69



E02F77



AD453B



574E52



96003D



170009

Previews

White Background



This preview shows how the Hex color 3BAD7F looks on a white background.

Color Contrast Check

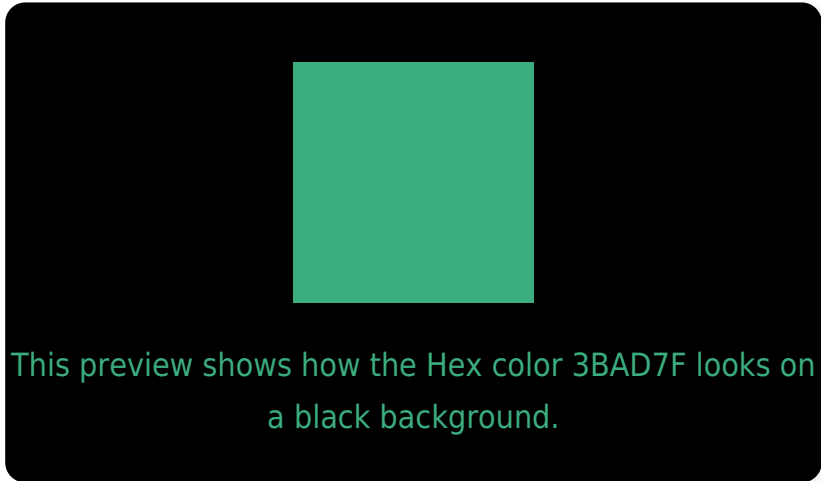
Large Text (above 18pt) WCAG AA × Fail

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

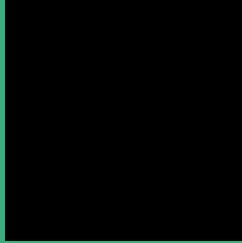
Any Text WCAG AA ✓ Pass

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 3BAD7F Background



This preview shows how black text looks on a background with the Hex color 3BAD7F.

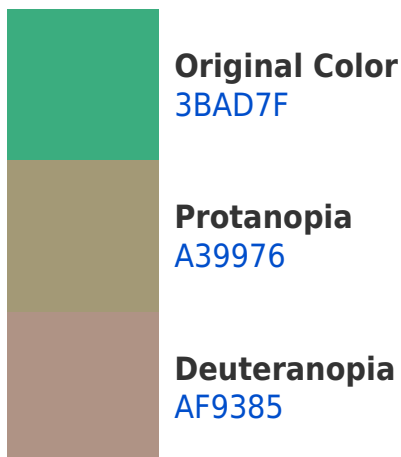


This preview shows how white text looks on a background with the Hex color 3BAD7F.

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](#).

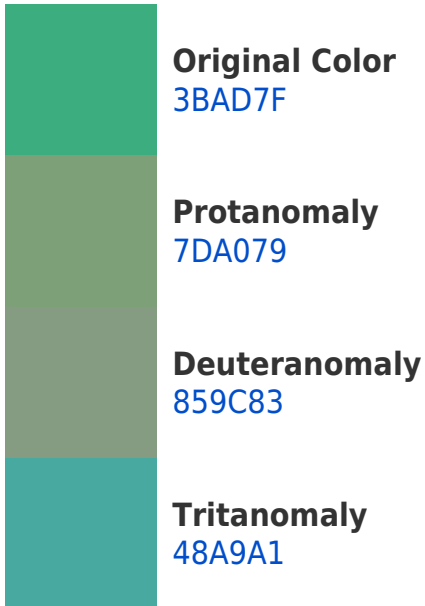
Dichromacy



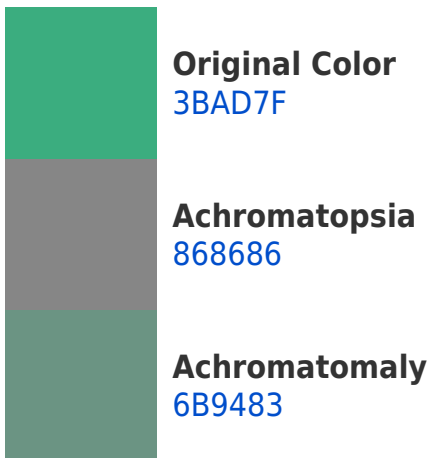


Tritanopia
4FA6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BAD7F 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 #3BAD7F looks like.

```
.text, #text, p{  
    color:#3BAD7F  
}
```

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 #3BAD7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BAD7F
}
```

Border

The CSS property to change the border of an element to Hex 3BAD7F 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
#3BAD7F }
```

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

```
.border{ border-color:#3BAD7F }
```

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

Here you see how a box with a 4 pixel #3BAD7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BAD7F; -webkit-box-shadow:4px 4px  
4px 4px #3BAD7F; box-shadow:4px 4px 4px  
4px #3BAD7F }
```

Background

The CSS property to change the background color of an element to Hex 3BAD7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BAD7F }
```

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

```
.background{ background-color:#3BAD7F }
```

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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