

Converting Colors

Hex(3BAC88)

Have a look what the booklet for
Hex(3BAC88) contains.

Hex(3BAC88)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3BAC88)

Conversions

Conversions Part 1

Format	Color
Hex	3BAC88
RGB	59, 172, 136
RGB Percent	23%, 67%, 53%
CMY	0.7686, 0.3255, 0.4667
CMYK	0.66, 0.00, 0.21, 0.33
HSL	161°, 49%, 45%
HSV	161°, 66%, 67%
XYZ	21.0001, 32.2124, 28.4034
YIQ	134.1090, -55.7920, -35.1520

Conversions

Conversions Part 2

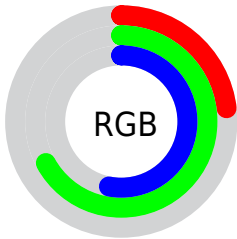
Format	Color
RYB	59, 126, 172
Decimal	3910792
CIELab	63.52, -40.48, 9.31
CIELCh	64, 41.535, 167.048
Yxy	32.2124, 0.2573, 0.3947
Android (android.graphics.Color)	4282100872 (0xFF3BAC88)
YUV	134.1090, 0.9323, -65.8706
Hunter-Lab	56.7560, -33.2768, 10.0577

Details

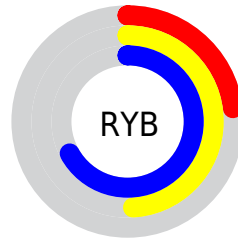
The Hex color **3BAC88** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AC3B5F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **77E4BD**, and **007756** is the 20% darker color. If you saturate the color by 10%, you get **2AAC83**, and if you desaturate by 10%, it is **4CAC8D**.

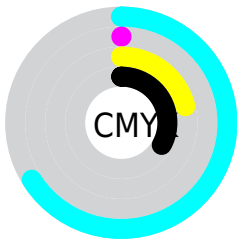
Distribution



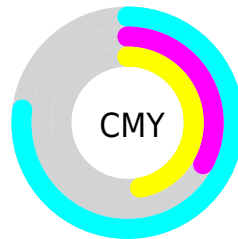
- Red (23%)
- Green (67%)
- Blue (53%)



- Red (23%)
- Yellow (49%)
- Blue (67%)



- Cyan (66%)
- Magenta (0%)
- Yellow (21%)
- Black (33%)



- Cyan (77%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BAC88 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 3BAC88 by changing the saturation by 10% instead.



3BAC88



3BAC88

FFFFFF



13916F



77E4BD



007756



94FFD9



005D3F



B1FFF6



004529



CEFFF



002E14



EBFFF



001500



000000



3BAC88



3BAC88



2AAC83



4CAC8D

■ 19AC7D

■ 5DAC93

■ 07AC78

■ 6FAC98

■ 00AC75

■ 80AC9E

■ 91ACA3

■ A2ACA9

■ B3ACAE

■ C5ACB4

■ D6ACB9

Harmonies

Analogous

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



72A766



3BAC88



00ADAE

Triad

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



3BAC88



8496E0



D78565

Complementary

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



3BAC88



AC3B5F

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.



E17C86



3BAC88



B888CD

Square

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



3BAC88



37A2E1



D77EAB



BF9251

Rectangle

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



3BAC88



00ABC5



D77EAB



DC816F

Sweetspot

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



3BAC88



B4E0D2



61AC3B



557068



F0F0F0



707070

Same Dimension

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



3BAC88



2FE0A8



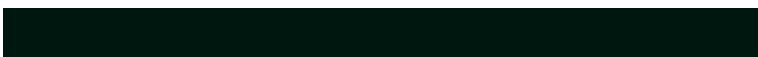
3B99AC



4E5754



009667



001710

Inverse Universe

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



AC3B5F



E02F68



AC4E3B



574E51



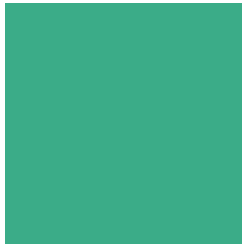
960030



170007

Previews

White Background



This preview shows how the Hex color 3BAC88 looks on a white background.

Color Contrast Check

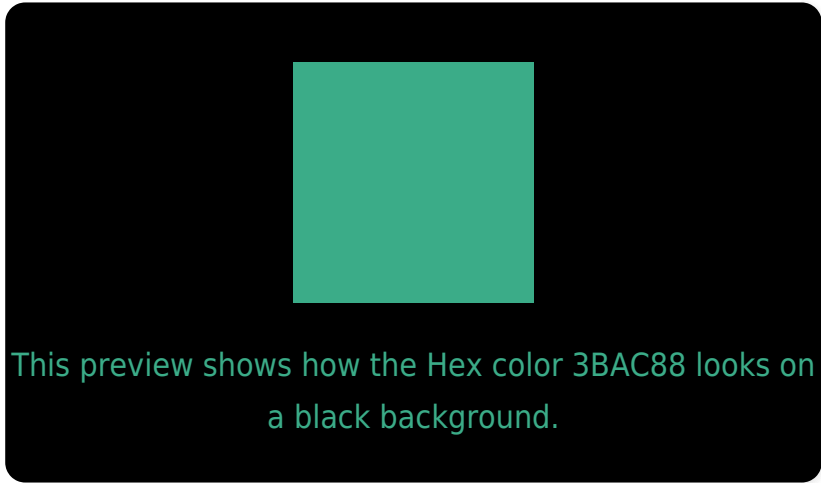
Large Text (above 18pt) WCAG AA × Fail

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

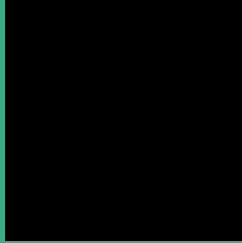
Any Text WCAG AA ✓ Pass

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 3BAC88 Background



This preview shows how black text looks on a background with the Hex color 3BAC88.

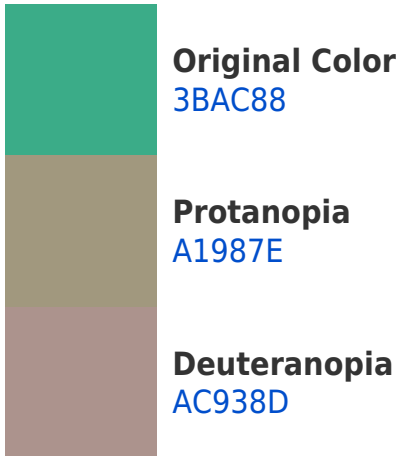


This preview shows how white text looks on a background with the Hex color 3BAC88.

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](#).

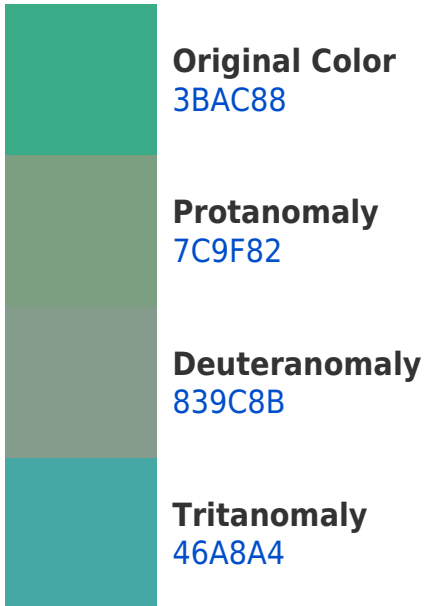
Dichromacy



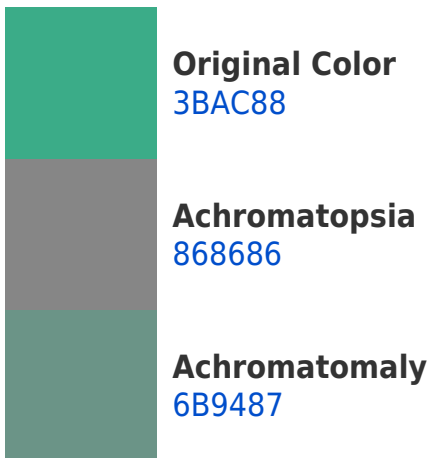


Tritanopia
4DA6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BAC88 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 #3BAC88 looks like.

```
.text, #text, p{  
    color:#3BAC88  
}
```

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 #3BAC88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BAC88  
}
```

Border

The CSS property to change the border of an element to Hex 3BAC88 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  
#3BAC88 }
```

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

```
.border{ border-color:#3BAC88 }
```

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

Here you see how a box with a 4 pixel #3BAC88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BAC88; -webkit-box-shadow:4px 4px  
4px 4px #3BAC88; box-shadow:4px 4px 4px  
4px #3BAC88 }
```

Background

The CSS property to change the background color of an element to Hex 3BAC88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BAC88 }
```

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

```
.background{ background-color:#3BAC88 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor