

Converting Colors

Hex(3EAC88)

Have a look what the booklet for
Hex(3EAC88) contains.

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Color

Hex(3EAC88)

Conversions

Conversions Part 1

Format	Color
Hex	3EAC88
RGB	62, 172, 136
RGB Percent	24%, 67%, 53%
CMY	0.7569, 0.3255, 0.4667
CMYK	0.64, 0.00, 0.21, 0.33
HSL	160°, 47%, 46%
HSV	160°, 64%, 67%
XYZ	21.1831, 32.3068, 28.4119
YIQ	135.0060, -54.0040, -34.5160

Conversions

Conversions Part 2

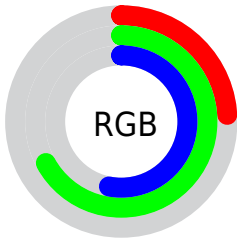
Format	Color
RYB	62, 128, 172
Decimal	4107400
CIELab	63.60, -39.94, 9.43
CIELCh	64, 41.036, 166.715
Yxy	32.3068, 0.2586, 0.3945
Android (android.graphics.Color)	4282297480 (0xFF3EAC88)
YUV	135.0060, 0.4900, -64.0263
Hunter-Lab	56.8390, -32.9440, 10.1502

Details

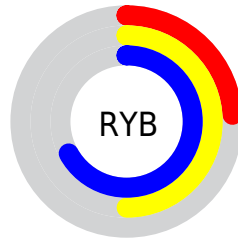
The Hex color **3EAC88** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AC3E62**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **79E4BD**, and **007756** is the 20% darker color. If you saturate the color by 10%, you get **2DAC82**, and if you desaturate by 10%, it is **4FAC8E**.

Distribution



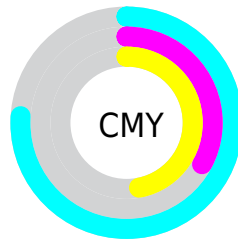
- Red (24%)
- Green (67%)
- Blue (53%)



- Red (24%)
- Yellow (50%)
- Blue (67%)



- Cyan (64%)
- Magenta (0%)
- Yellow (21%)
- Black (33%)



- Cyan (76%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EAC88 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 3EAC88 by changing the saturation by 10% instead.



3EAC88



3EAC88

FFFFFF



19916F



79E4BD



007756



96FFD9



005D3F



B3FFF6



004529



D0FFFF



002E14



EDFFFF



001500



000000



3EAC88



3EAC88



2DAC82



4FAC8E

■ 1CAC7D

■ 60AC93

■ 0AAC77

■ 72AC99

■ 00AC74

■ 83AC9F

■ 94ACA4

■ A5ACAA

■ B6ACAF

■ C8ACB5

■ D9ACBB

Harmonies

Analogous

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



73A766



3EAC88



00ADAE

Triad

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



3EAC88



8497E0



D78566

Complementary

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



3EAC88



AC3E62

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.



E07D87



3EAC88



B789CC

Square

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



3EAC88



39A2E1



D67EAC



BF9252

Rectangle

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



3EAC88



00ACC5



D67EAC



DC8270

Sweetspot

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



3EAC88



B6E0D2



63AC3E



567068



F0F0F0



707070

Same Dimension

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



3EAC88



34E0A8



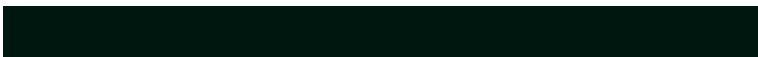
3E9AAC



4E5754



009665



00170F

Inverse Universe

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



AC3E62



E0346C



AC503E



574E51



960031



170008

Previews

White Background



This preview shows how the Hex color 3EAC88 looks on a white background.

Color Contrast Check

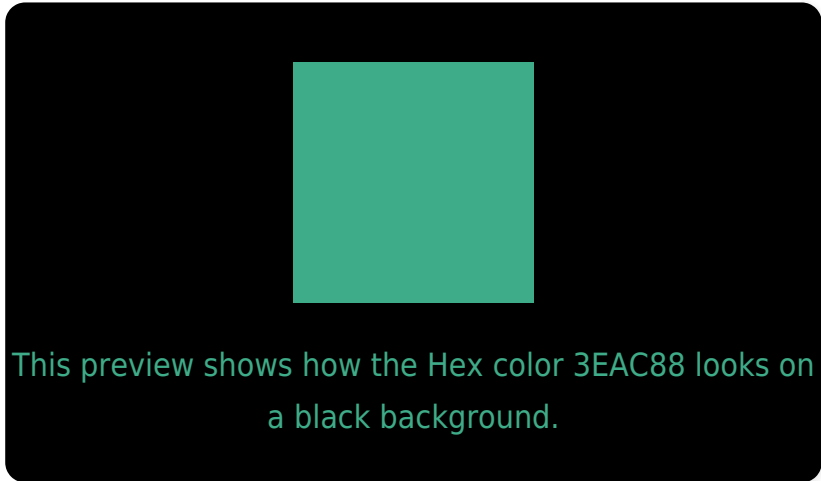
Large Text (above 18pt) WCAG AA × Fail

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 3EAC88 Background



This preview shows how black text looks on a background with the Hex color 3EAC88.

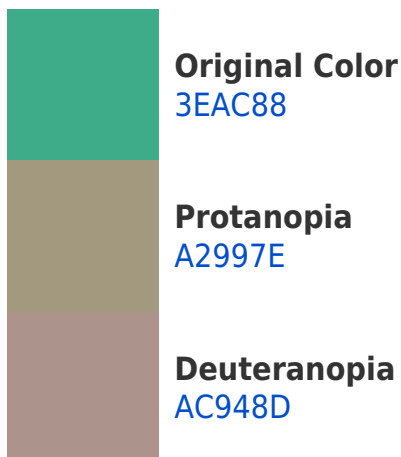


This preview shows how white text looks on a background with the Hex color 3EAC88.

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](#).

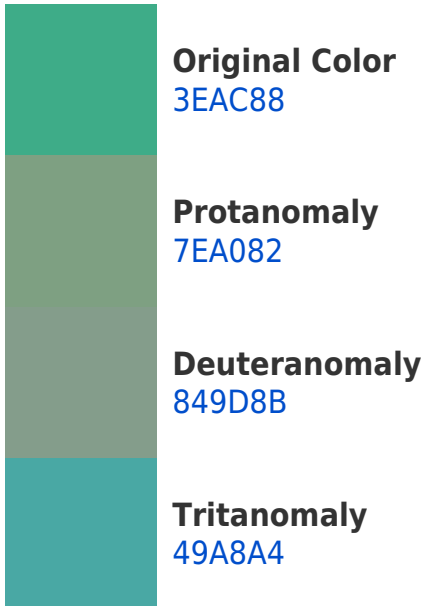
Dichromacy





Tritanopia
4FA6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3EAC88 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 #3EAC88 looks like.

```
.text, #text, p{  
    color:#3EAC88  
}
```

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 #3EAC88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EAC88
}
```

Border

The CSS property to change the border of an element to Hex 3EAC88 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
#3EAC88 }
```

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

```
.border{ border-color:#3EAC88 }
```

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

Here you see how a box with a 4 pixel #3EAC88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EAC88; -webkit-box-shadow:4px 4px  
4px 4px #3EAC88; box-shadow:4px 4px 4px  
4px #3EAC88 }
```

Background

The CSS property to change the background color of an element to Hex 3EAC88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EAC88 }
```

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

```
.background{ background-color:#3EAC88 }
```

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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