

Converting Colors

Hex(3FBEAA)

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

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Color

Hex(3FBEAA)

Conversions

Conversions Part 1

Format	Color
Hex	3FBEEA
RGB	63, 190, 170
RGB Percent	25%, 75%, 67%
CMY	0.7529, 0.2549, 0.3333
CMYK	0.67, 0.00, 0.11, 0.25
HSL	171°, 50%, 50%
HSV	171°, 67%, 75%
XYZ	27.7191, 40.7860, 44.4417
YIQ	149.7470, -69.2720, -33.1440

Conversions

Conversions Part 2

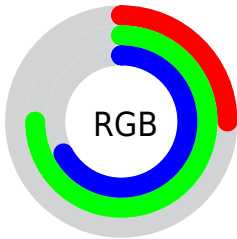
Format	Color
RYB	63, 132, 190
Decimal	4177578
CIELab	70.03, -39.22, -0.04
CIELCh	70, 39.224, 180.053
Yxy	40.7860, 0.2454, 0.3611
Android (android.graphics.Color)	4282367658 (0xFF3FBEEA)
YUV	149.7470, 9.9847, -76.0771
Hunter-Lab	63.8639, -34.2868, 3.4459

Details

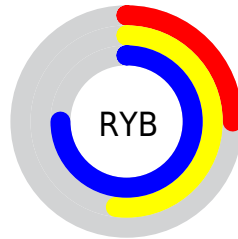
The Hex color **3FBEEA** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BE3F53**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **7EF7E1**, and **008876** is the 20% darker color. If you saturate the color by 10%, you get **2CBEA7**, and if you desaturate by 10%, it is **52BEAD**.

Distribution



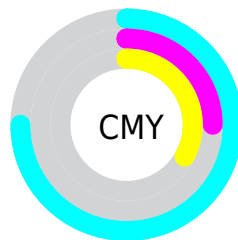
- Red (25%)
- Green (75%)
- Blue (67%)



- Red (25%)
- Yellow (52%)
- Blue (75%)



- Cyan (67%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (75%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


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

 3FBEEA

 3FBEEA

FFFFFF

 11A390

 7EF7E1

 008876

 9CFFFE

 006E5D

 B9FFFF

 005546

 D7FFFF

 003D30

 F5FFFF

 00281B

 000000

 3FBEEA

 3FBEEA

 2CBEA7

 52BEAD

■ 19BEA4

■ 65BEB0

■ 06BEA1

■ 78BEB3

■ 00BEA0

■ 8BBEB6

■ 9EBEB9

■ B1BEBC

■ C4BEBF

■ D7BEC2

■ EABEC5

Harmonies

Analogous

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



72BB86



3FBEAA



00BDCE

Triad

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



3FBEAA



AFA2E9



DF9D6E

Complementary

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



3FBEAA



BE3F53

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.



EF9289



3FBEAA



D896CF

Square

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



3FBEAA



76AFF2



ED8FAC



C2A963

Rectangle

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



3FBEAA



10BAE1



ED8FAC



E69976

Sweetspot

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



3FBEAA



C6F7F0



54BE3F



5F7D78



FCFCFC



7D7D7D

Same Dimension

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



3FBEAA



31F7D8



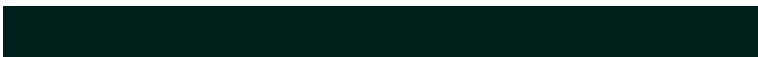
3F94BE



555E5D



009E85



001F1A

Inverse Universe

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



BE3F53



F73151



BE693F



5E5556



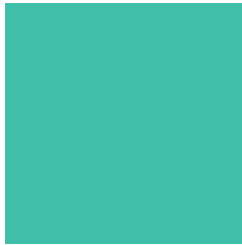
9E0019



1F0005

Previews

White Background



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

Color Contrast Check

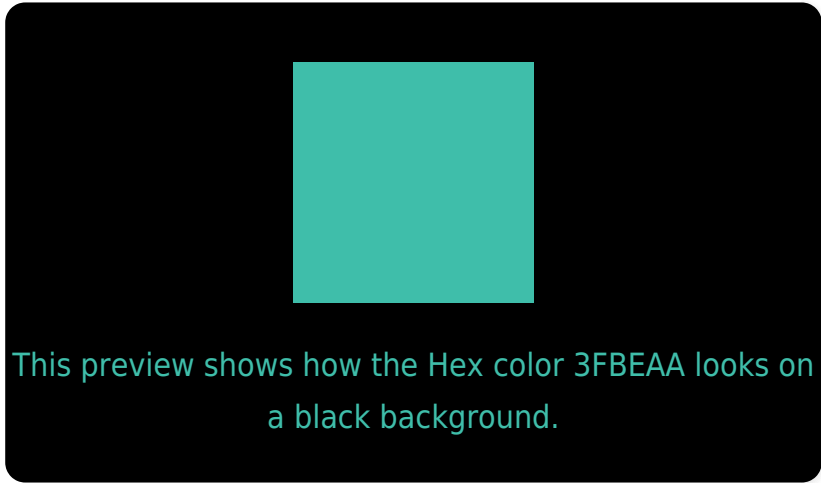
Large Text (above 18pt) WCAG AA × Fail

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

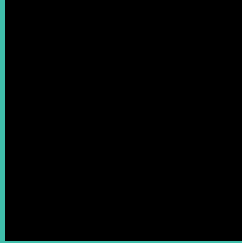
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

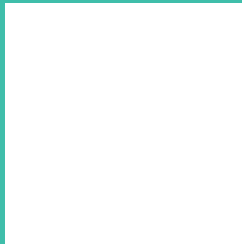
Any Text WCAG AAA ✓ Pass

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

Hex 3FBEAA Background



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



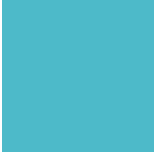
This preview shows how white text looks on a background with the Hex color 3FBEAA.

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
4DBAC9

Trichromacy



Original Color
3FBEAA



Protanomaly
87B1A2



Deuteranomaly
8CAEAD

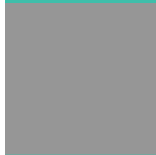


Tritanomaly
48BBBE

Monochromacy



Original Color
3FBEAA



Achromatopsia
969696



Achromatomaly
76A59D

CSS Examples

Text

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

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

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 #3FBEAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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