

# Converting Colors

Hex(3FCEBA)

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

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**Color**

**Hex(3FCEBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FCEBA
RGB	63, 206, 186
RGB Percent	25%, 81%, 73%
CMY	0.7529, 0.1922, 0.2706
CMYK	0.69, 0.00, 0.10, 0.19
HSL	172°, 59%, 53%
HSV	172°, 69%, 81%
XYZ	32.9841, 48.7445, 54.1246
YIQ	160.9630, -78.8080, -36.5360

# Conversions

## Conversions Part 2

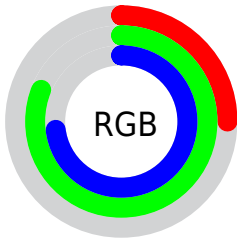
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 140, 206
Decimal	4181690
CIELab	75.29, -42.14, -1.03
CIElCh	75, 42.148, 181.402
Yxy	48.7445, 0.2428, 0.3588
Android (android.graphics.Color)	4282371770 (0xFF3FCEBA)
YUV	160.9630, 12.3432, -85.9136
Hunter-Lab	69.8173, -37.8506, 2.9086

# Details

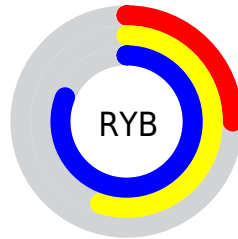
The Hex color **3FCEBA** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **CE3F53**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **81FFF2**, and **009785** is the 20% darker color. If you saturate the color by 10%, you get **2ACEB7**, and if you desaturate by 10%, it is **54CEBD**.

# Distribution



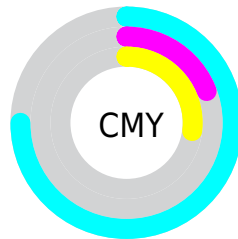
- Red (25%)
- Green (81%)
- Blue (73%)



- Red (25%)
- Yellow (55%)
- Blue (81%)



- Cyan (69%)
- Magenta (0%)
- Yellow (10%)
- Black (19%)



- Cyan (75%)
- Magenta (19%)
- Yellow (27%)

# Brightness & Saturation Gradients

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



 3FCEBA

 3FCEBA

FFFFFF

 06B29F

 81FFF2

 009785

 A0FFFF

 007C6C

 BEFFFF

 006354

 DCFFFF

 004A3D

 FBFFFF

 003227

 001C13

 000000

 3FCEBA

 3FCEBA

■ 2ACEB7

■ 54CEBD

■ 16CEB4

■ 68CEC0

■ 01CEB1

■ 7DCEC3

■ 00CEB1

■ 91CEC6

■ A6CEC8

■ BBCECB

■ CFCECE

■ E4CED1

■ F8CED4

# Harmonies

## Analogous

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



79CB93



3FCEBA



00CDE1

# Triad

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



3FCEBA



C0AFFC



F1AA76

# Complementary

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



3FCEBA



CE3F53

# 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.



FF9F93



3FCEBA



ECA1DF

# Square

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



3FCEBA



82BDFE



FF9BB9



D1B86B

# Rectangle

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



3FCEBA



09CAF5



FF9BB9



F8A67E

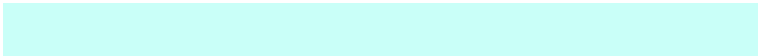


# Sweetspot

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



3FCEBA



C9FFF8



54CE3F



60807B



000000



808080



# Same Dimension

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



3FCEBA



2BFFE1



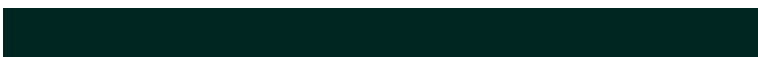
3F9CCE



5C6665



00A68F



002621



# Inverse Universe

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



CE3F53



FF2B49



CE713F



665C5D



A60017

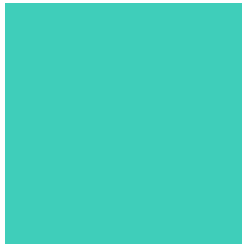


260005



# Previews

## White Background



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

## Color Contrast Check

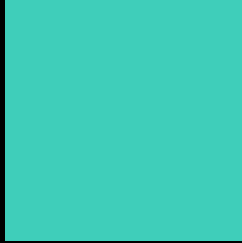
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 3FCEBA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

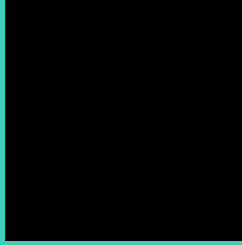
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

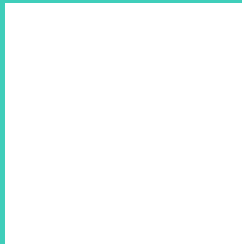
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3FCEBA Background



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



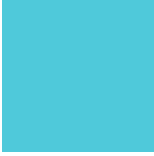
This preview shows how white text looks on a background with the Hex color 3FCEBA.

# 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**  
4FC9DA

# Trichromacy



**Original Color**  
3FCEBA



**Protanomaly**  
90BFB2



**Deuteranomaly**  
95BCBE



**Tritanomaly**  
49CBCE

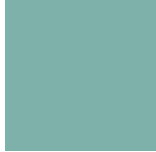
# Monochromacy



**Original Color**  
3FCEBA



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
7DB1AA

# CSS Examples

## Text

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

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

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 #3FCEBA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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