

Converting Colors

Hex(3FE8B8)

Have a look what the booklet for
Hex(3FE8B8) contains.

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Color

Hex(3FE8B8)

Conversions

Conversions Part 1

Format	Color
Hex	3FE8B8
RGB	63, 232, 184
RGB Percent	25%, 91%, 72%
CMY	0.7529, 0.0902, 0.2784
CMYK	0.73, 0.00, 0.21, 0.09
HSL	163°, 79%, 58%
HSV	163°, 73%, 91%
XYZ	39.5582, 62.2307, 55.2742
YIQ	175.9970, -85.3160, -50.7560

Conversions

Conversions Part 2

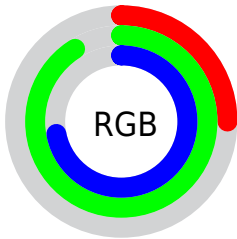
Format	Color
RYB	63, 161, 232
Decimal	4188344
CIELab	83.04, -53.57, 11.21
CIELCh	83, 54.729, 168.185
Yxy	62.2307, 0.2519, 0.3962
Android (android.graphics.Color)	4282378424 (0xFF3FE8B8)
YUV	175.9970, 3.9455, -99.0984
Hunter-Lab	78.8864, -48.5410, 13.6771

Details

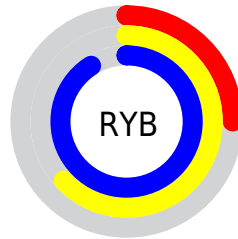
The Hex color **3FE8B8** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed spring green. A complement of this color would be **E83F6F**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **85FFF0**, and **00AF83** is the 20% darker color. If you saturate the color by 10%, you get **28E8B1**, and if you desaturate by 10%, it is **56E8BF**.

Distribution



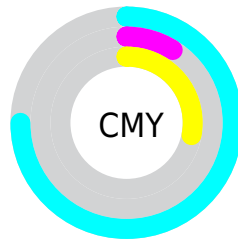
- Red (25%)
- Green (91%)
- Blue (72%)



- Red (25%)
- Yellow (63%)
- Blue (91%)



- Cyan (73%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (75%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FE8B8 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 3FE8B8 by changing the saturation by 10% instead.

 3FE8B8

 3FE8B8

FFFFFF

 00CB9D

 85FFF0

 00AF83

 A4FFFF

 00946A

 C3FFFF

 007952

 E2FFFF

 005F3A

 004625

 003010

 001300

 000000

 3FE8B8

 3FE8B8

 28E8B1

 56E8BF

 11E8AB

 6DE8C5

 00E8A6

 85E8CC

 9CE8D2

 B3E8D9

 CAE8E0

 E1E8E6

 F9E8ED

 FFE8F3

Harmonies

Analogous

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



94E288



3FE8B8



00E9ED

Triad

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



3FE8B8



B3C9FF



FFB284

Complementary

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



3FE8B8



E83F6F

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.



FFA5B1



3FE8B8



FAB5FF

Square

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



3FE8B8



3DDAFF



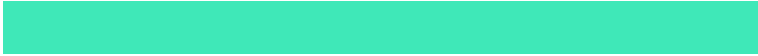
FFA7E5



FFC569

Rectangle

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



3FE8B8



00E7FF



FFA7E5



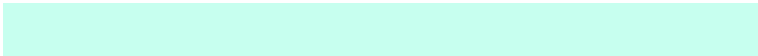
FFAD92

Sweetspot

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



3FE8B8



C7FFE8



72E83F



5E8076



000000



808080

Same Dimension

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



3FE8B8



21FFC0



3FC6E8



67736F



00B380



003325

Inverse Universe

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



E83F6F



FF2160



E8613F



73676B



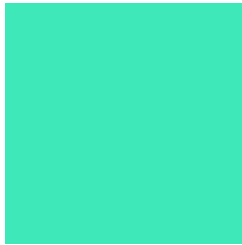
B30033



33000E

Previews

White Background



This preview shows how the Hex color 3FE8B8 looks on a white background.

Color Contrast Check

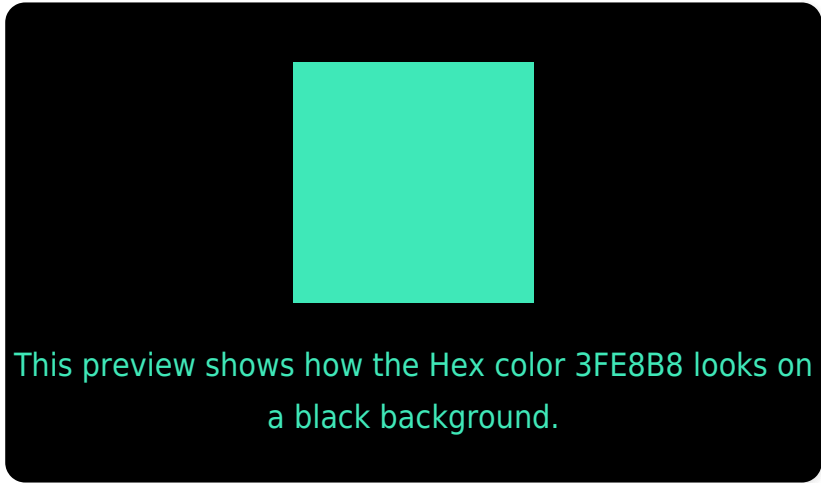
Large Text (above 18pt) WCAG AA × Fail

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

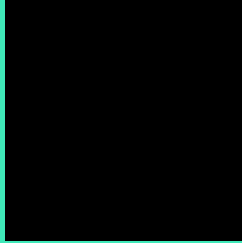
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

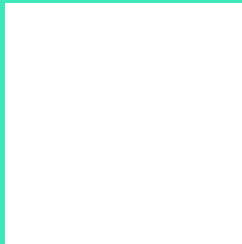
Any Text WCAG AAA ✓ Pass

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

Hex 3FE8B8 Background



This preview shows how black text looks on a background with the Hex color 3FE8B8.

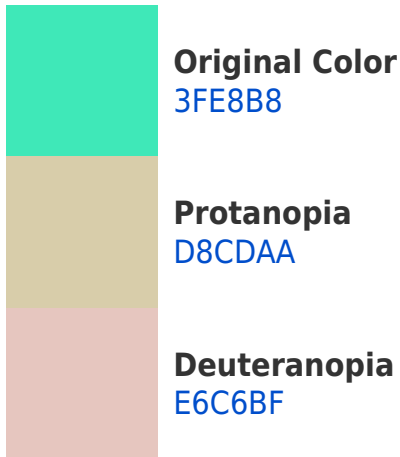


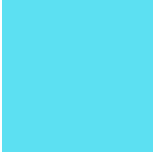
This preview shows how white text looks on a background with the Hex color 3FE8B8.

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
5CE0F2

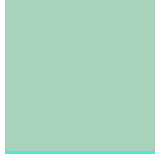
Trichromacy



Original Color
3FE8B8



Protanomaly
A0D7AF



Deuteranomaly
A9D2BC

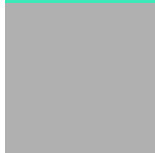


Tritanomaly
51E3DD

Monochromacy



Original Color
3FE8B8



Achromatopsia
B0B0B0



Achromatomaly
87C4B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FE8B8 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 #3FE8B8 looks like.

```
.text, #text, p{  
    color:#3FE8B8  
}
```

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 #3FE8B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FE8B8  
}
```

Border

The CSS property to change the border of an element to Hex 3FE8B8 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  
#3FE8B8 }
```

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

```
.border{ border-color:#3FE8B8 }
```

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

Here you see how a box with a 4 pixel #3FE8B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FE8B8; -webkit-box-shadow:4px 4px  
4px 4px #3FE8B8; box-shadow:4px 4px 4px  
4px #3FE8B8 }
```

Background

The CSS property to change the background color of an element to Hex 3FE8B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FE8B8 }
```

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

```
.background{ background-color:#3FE8B8 }
```

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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