

Converting Colors

Hex(3EEDB8)

Have a look what the booklet for
Hex(3EEDB8) contains.

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Color

Hex(3EEDB8)

Conversions

Conversions Part 1

Format	Color
Hex	3EEDB8
RGB	62, 237, 184
RGB Percent	24%, 93%, 72%
CMY	0.7569, 0.0706, 0.2784
CMYK	0.74, 0.00, 0.22, 0.07
HSL	162°, 83%, 59%
HSV	162°, 74%, 93%
XYZ	40.9225, 65.0532, 55.7471
YIQ	178.6330, -87.2870, -53.5830

Conversions

Conversions Part 2

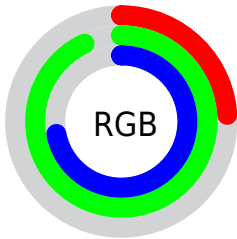
Format	Color
RYB	62, 165, 237
Decimal	4124088
CIELab	84.51, -55.68, 13.30
CIELCh	85, 57.250, 166.571
Yxy	65.0532, 0.2530, 0.4023
Android (android.graphics.Color)	4282314168 (0xFF3EEDB8)
YUV	178.6330, 2.6459, -102.2871
Hunter-Lab	80.6556, -50.5810, 15.4791

Details

The Hex color **3EEDB8** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **ED3E73**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **85FFF0**, and **00B483** is the 20% darker color. If you saturate the color by 10%, you get **26EDB1**, and if you desaturate by 10%, it is **56EDBF**.

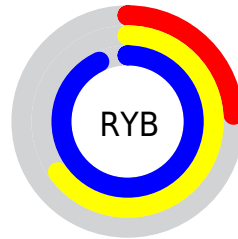
Distribution



Red (24%)

Green (93%)

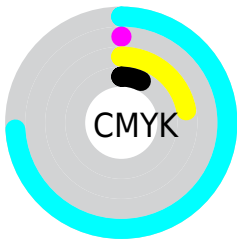
Blue (72%)



Red (24%)

Yellow (65%)

Blue (93%)

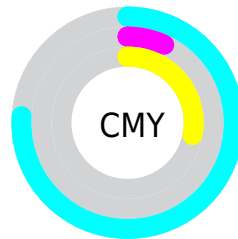


Cyan (74%)

Magenta (0%)

Yellow (22%)

Black (7%)



Cyan (76%)

Magenta (7%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EEDB8 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 3EEDB8 by changing the saturation by 10% instead.

 3EEDB8

 3EEDB8

FFFFFF

 00D09D

 85FFF0

 00B483

 A5FFFF

 00986A

 C4FFFF

 007E51

 E3FFFF

 00633A

 004A24

 003310

 001800

 000000

 3EEDB8

 3EEDB8

 26EDB1

 56EDBF

 0FEDAA

 6DEDC6

 00EDA5

 85EDCE

 9DEDD5

 B4EDDC

 CCEDE3

 E4EDEA

 FCEDF1

 FFEDF9

Harmonies

Analogous

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



99E686



3EEDB8



00EFF0

Triad

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



3EEDB8



B0CEFF



FFB487

Complementary

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



3EEDB8



ED3E73

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.



FFA7B7



3EEDB8



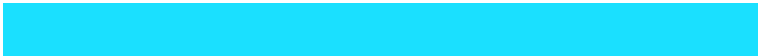
FDB9FF

Square

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



3EEDB8



1AE0FF



FFA9EE



FFC768

Rectangle

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



3EEDB8



00ECFF



FFA9EE



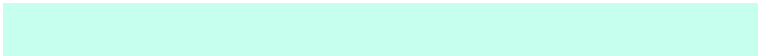
FFAE95

Sweetspot

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



3EEDB8



C7FFEE



75ED3E



5E8075



000000



808080

Same Dimension

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



3EEDB8



1CFFBA



3ECDED



6A7572



00B57E



003625

Inverse Universe

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



ED3E73



FF1C61



ED5E3E



756A6D



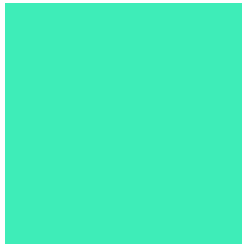
B50037



360010

Previews

White Background



This preview shows how the Hex color 3EEDB8 looks on a white background.

Color Contrast Check

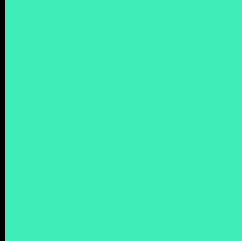
Large Text (above 18pt) WCAG AA × Fail

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 3EEDB8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

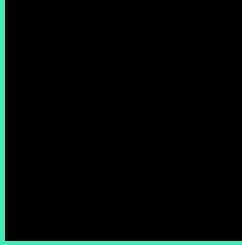
Any Text WCAG AA ✓ Pass

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 3EEDB8 Background



This preview shows how black text looks on a background with the Hex color 3EEDB8.

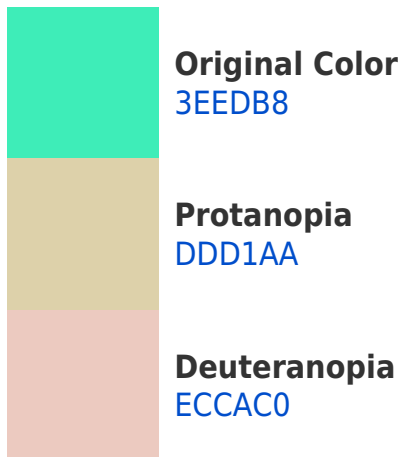


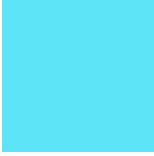
This preview shows how white text looks on a background with the Hex color 3EEDB8.

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



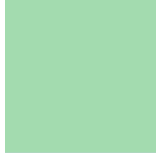


Tritanopia
5DE5F7

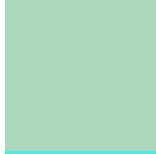
Trichromacy



Original Color
3EEDB8



Protanomaly
A3DBAF



Deuteranomaly
ADD7BD

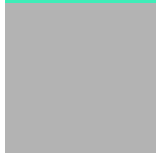


Tritanomaly
52E8E0

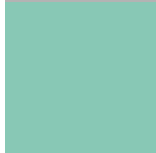
Monochromacy



Original Color
3EEDB8



Achromatopsia
B3B3B3



Achromatomaly
88C8B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EEDB8 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 #3EEDB8 looks like.

```
.text, #text, p{  
    color:#3EEDB8  
}
```

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 #3EEDB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EEDB8
}
```

Border

The CSS property to change the border of an element to Hex 3EEDB8 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
#3EEDB8 }
```

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

```
.border{ border-color:#3EEDB8 }
```

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

Here you see how a box with a 4 pixel #3EEDB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EEDB8; -webkit-box-shadow:4px 4px  
4px 4px #3EEDB8; box-shadow:4px 4px 4px  
4px #3EEDB8 }
```

Background

The CSS property to change the background color of an element to Hex 3EEDB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EEDB8 }
```

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

```
.background{ background-color:#3EEDB8 }
```

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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