

Converting Colors

Hex(5BE08E)

Have a look what the booklet for
Hex(5BE08E) contains.

Hex(5BE08E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5BE08E)

Conversions

Conversions Part 1

Format	Color
Hex	5BE08E
RGB	91, 224, 142
RGB Percent	36%, 88%, 56%
CMY	0.6431, 0.1216, 0.4431
CMYK	0.59, 0.00, 0.37, 0.12
HSL	143°, 68%, 62%
HSV	143°, 59%, 88%
XYZ	35.8525, 57.4884, 34.7979
YIQ	174.8850, -52.9460, -53.6980

Conversions

Conversions Part 2

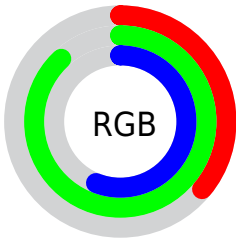
Format	Color
RYB	91, 187, 224
Decimal	6021262
CIELab	80.45, -54.48, 29.56
CIELCh	80, 61.982, 151.516
Yxy	57.4884, 0.2798, 0.4486
Android (android.graphics.Color)	4284211342 (0xFF5BE08E)
YUV	174.8850, -16.2123, -73.5671
Hunter-Lab	75.8211, -48.2821, 25.8638

Details

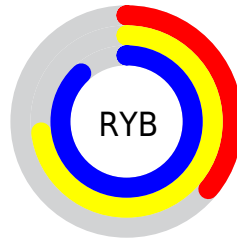
The Hex color **5BE08E** is a light color, and the websafe version is hex **33CC66**. The color can be described as light muted spring green. A complement of this color would be **E05BAD**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **98FFC4**, and **00A85B** is the 20% darker color. If you saturate the color by 10%, you get **45E080**, and if you desaturate by 10%, it is **71E09C**.

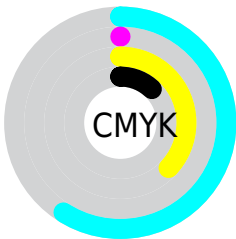
Distribution



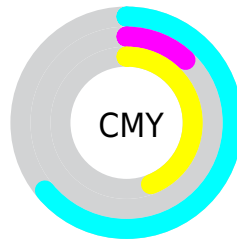
- Red (36%)
- Green (88%)
- Blue (56%)



- Red (36%)
- Yellow (73%)
- Blue (88%)



- Cyan (59%)
- Magenta (0%)
- Yellow (37%)
- Black (12%)



- Cyan (64%)
- Magenta (12%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BE08E 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 5BE08E by changing the saturation by 10% instead.

 5BE08E

 5BE08E

FFFFFF

 39C474

 98FFC4

 00A85B

 B5FFE0

 008C43

 D3FFFD

 00722B

 F1FFFF

 005814

 003F00

 002900

 000300

 000000

 5BE08E

 5BE08E

 45E080

 71E09C

 2EE072

 88E0AA

 18E065

 9EE0B7

 01E057

 B5E0C5

 00E056

 CBE0D3

 E1E0E1

 F8E0EF

 FFE0FC

 FFE0FF

Harmonies

Analogous

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



ABD660



5BE08E



00E4C9

Triad

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



5BE08E



59CFFF



FF9C8E

Complementary

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



5BE08E



E05BAD

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.



FF95C7



5BE08E



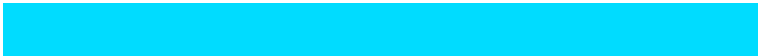
CEB7FF

Square

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



5BE08E



00DCFF



FFA1FF



FFB062

Rectangle

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



5BE08E



00E4F0



FFA1FF



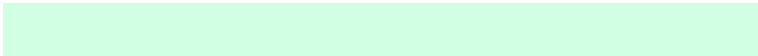
FF98A0

Sweetspot

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



5BE08E



D1FFE3



ADE05B



63806E



000000



808080

Same Dimension

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



5BE08E



4AFF8F



5BE0D0



657069



00B043



003013

Inverse Universe

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



E05BAD



FF4ABA



E05B6B



70656C



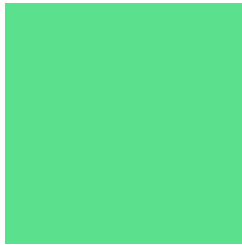
B0006C



30001E

Previews

White Background



This preview shows how the Hex color 5BE08E 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 5BE08E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

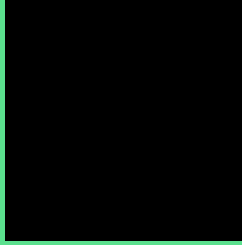
Any Text WCAG AA ✓ Pass

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 5BE08E Background



This preview shows how black text looks on a background with the Hex color 5BE08E.

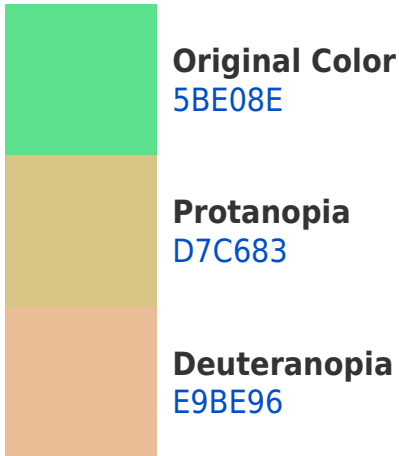


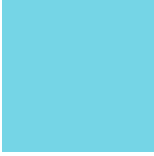
This preview shows how white text looks on a background with the Hex color 5BE08E.

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
75D5E6

Trichromacy



Original Color
5BE08E



Protanomaly
AACF87



Deuteranomaly
B5CA93



Tritanomaly
6CD9C6

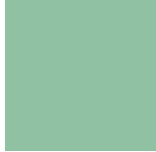
Monochromacy



Original Color
5BE08E



Achromatopsia
AFAFAF



Achromatomaly
90C1A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BE08E 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 #5BE08E looks like.

```
.text, #text, p{  
    color:#5BE08E  
}
```

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 #5BE08E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BE08E
}
```

Border

The CSS property to change the border of an element to Hex 5BE08E 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
#5BE08E }
```

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

```
.border{ border-color:#5BE08E }
```

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

Here you see how a box with a 4 pixel #5BE08E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BE08E; -webkit-box-shadow:4px 4px  
4px 4px #5BE08E; box-shadow:4px 4px 4px  
4px #5BE08E }
```

Background

The CSS property to change the background color of an element to Hex 5BE08E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BE08E }
```

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

```
.background{ background-color:#5BE08E }
```

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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