

# Converting Colors

Hex(5BE8C5)

Have a look what the booklet for  
Hex(5BE8C5) contains.

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# Color

Hex(5BE8C5)

# Conversions

## Conversions Part 1

Format	Color
Hex	5BE8C5
RGB	91, 232, 197
RGB Percent	36%, 91%, 77%
CMY	0.6431, 0.0902, 0.2275
CMYK	0.61, 0.00, 0.15, 0.09
HSL	165°, 75%, 63%
HSV	165°, 61%, 91%
XYZ	43.2490, 63.9686, 62.8910
YIQ	185.8510, -72.8010, -40.7770

# Conversions

## Conversions Part 2

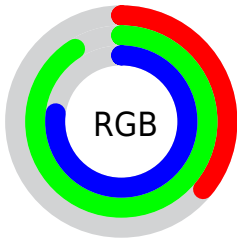
Format	Color
<a href="#">RYB</a>	<a href="#">91, 171, 232</a>
Decimal	<a href="#">6023365</a>
CIELab	<a href="#">83.95, -46.24, 5.77</a>
CIELCh	<a href="#">84, 46.598, 172.892</a>
Yxy	<a href="#">63.9686, 0.2542, 0.3760</a>
Android (android.graphics.Color)	<a href="#">4284213445 (0xFF5BE8C5)</a>
YUV	<a href="#">185.8510, 5.4965, -83.1843</a>
Hunter-Lab	<a href="#">79.9804, -43.4425, 9.3647</a>

# Details

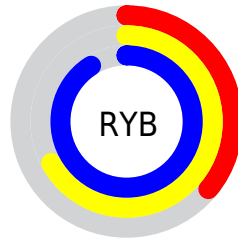
The Hex color **5BE8C5** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **E85B7E**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **99FFFE**, and **00B08F** is the 20% darker color. If you saturate the color by 10%, you get **44E8BF**, and if you desaturate by 10%, it is **72E8CB**.

# Distribution



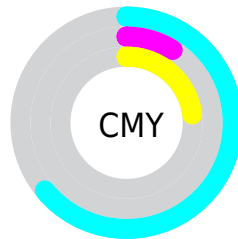
- Red (36%)
- Green (91%)
- Blue (77%)



- Red (36%)
- Yellow (67%)
- Blue (91%)



- Cyan (61%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)



- Cyan (64%)
- Magenta (9%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BE8C5 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 5BE8C5 by changing the saturation by 10% instead.



 5BE8C5

 5BE8C5

FFFFFF

 37CBAA

 99FFFE

 00B08F

 B8FFFF

 009476

 D6FFFF

 007A5D

 F4FFFF

 006046

 00472F

 00301A

 001600

 000000

 5BE8C5

 5BE8C5

 44E8BF

 72E8CB

 2DE8B9

 89E8D1

 15E8B4

 A1E8D6

 00E8AE

 B8E8DC

 CFE8E2

 E6E8E8

 FDE8ED

 FFE8F3

 FFE8F9

# Harmonies

## Analogous

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



99E39B



5BE8C5



00E8F2

# Triad

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



5BE8C5



C7CAFF



FFBC8D

# Complementary

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



5BE8C5



E85B7E

# 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.



FFB1B1



5BE8C5



FFBAFF

# Square

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



5BE8C5



7CD9FF



FFB0DE



F7CB7A

# Rectangle

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



5BE8C5



00E6FF



FFB0DE



FFB798

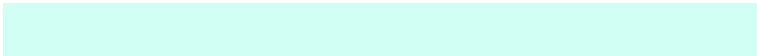


# Sweetspot

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



5BE8C5



D1FFF4



7EE85B



638079



000000



808080



# Same Dimension

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



5BE8C5



45FFD1



5BC5E8



677370



00B386



003326



# Inverse Universe

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



E85B7E



FF4573



E87E5B



73676A



B3002C

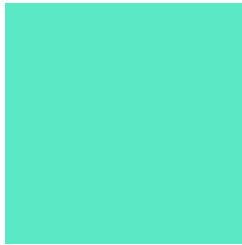


33000D



# Previews

## White Background



This preview shows how the Hex color 5BE8C5 looks on a white background.

## Color Contrast Check

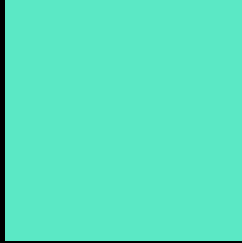
Large Text (above 18pt) WCAG AA × Fail

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 5BE8C5 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

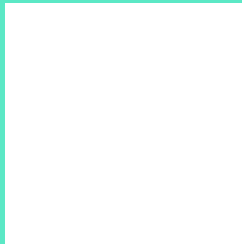
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5BE8C5 Background



This preview shows how black text looks on a background with the Hex color 5BE8C5.



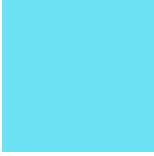
This preview shows how white text looks on a background with the Hex color 5BE8C5.

# 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**  
6DE1F4

# Trichromacy



**Original Color**  
5BE8C5



**Protanomaly**  
ABD8BD



**Deuteranomaly**  
B3D4C9

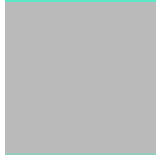


**Tritanomaly**  
66E4E3

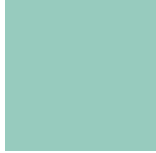
# Monochromacy



**Original Color**  
5BE8C5



**Achromatopsia**  
BABABA



**Achromatomaly**  
97CBBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BE8C5 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 #5BE8C5 looks like.

```
.text, #text, p{  
    color:#5BE8C5  
}
```

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 #5BE8C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BE8C5  
}
```

## Border

The CSS property to change the border of an element to Hex 5BE8C5 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  
#5BE8C5 }
```

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

```
.border{ border-color:#5BE8C5 }
```

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

Here you see how a box with a 4 pixel #5BE8C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BE8C5; -webkit-box-shadow:4px 4px  
4px 4px #5BE8C5; box-shadow:4px 4px 4px  
4px #5BE8C5 }
```

# Background

The CSS property to change the background color of an element to Hex 5BE8C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BE8C5 }
```

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

```
.background{ background-color:#5BE8C5 }
```

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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