

Converting Colors

Hex(5BEB96)

Have a look what the booklet for
Hex(5BEB96) contains.

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Color

Hex(5BEB96)

Conversions

Conversions Part 1

Format	Color
Hex	5BEB96
RGB	91, 235, 150
RGB Percent	36%, 92%, 59%
CMY	0.6431, 0.0784, 0.4118
CMYK	0.61, 0.00, 0.36, 0.08
HSL	145°, 78%, 64%
HSV	145°, 61%, 92%
XYZ	39.5277, 63.8428, 39.0937
YIQ	182.2540, -58.5390, -56.9630

Conversions

Conversions Part 2

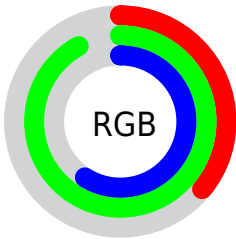
Format	Color
RYB	91, 193, 235
Decimal	6024086
CIELab	83.88, -57.32, 30.06
CIELCh	84, 64.726, 152.323
Yxy	63.8428, 0.2775, 0.4481
Android (android.graphics.Color)	4284214166 (0xFF5BEB96)
YUV	182.2540, -15.9012, -80.0298
Hunter-Lab	79.9017, -51.5232, 26.9222

Details

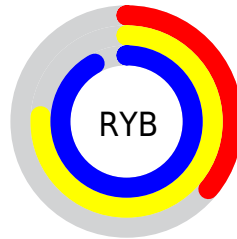
The Hex color **5BEB96** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **EB5BB0**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **99FFCD**, and **00B262** is the 20% darker color. If you saturate the color by 10%, you get **44EB88**, and if you desaturate by 10%, it is **73EBA4**.

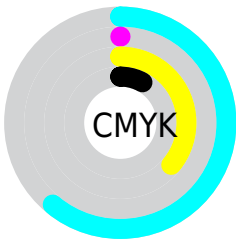
Distribution



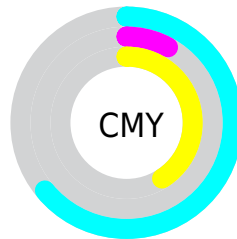
- Red (36%)
- Green (92%)
- Blue (59%)



- Red (36%)
- Yellow (76%)
- Blue (92%)



- Cyan (61%)
- Magenta (0%)
- Yellow (36%)
- Black (8%)



- Cyan (64%)
- Magenta (8%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BEB96 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 5BEB96 by changing the saturation by 10% instead.

 5BEB96

 5BEB96

FFFFFF

 38CE7C

 99FFCD

 00B262

 B7FFE9

 00974A

 D5FFFF

 007C32

 F4FFFF

 00621A

 004802

 003200

 001600

 000000

 5BEB96

 5BEB96

 44EB88

 73EBA4

 2CEB7A

 8AEBB2

 15EB6C

 A2EBC0

 00EB60

 B9EBCD

 D1EBDB

 E8EBE9

 FFEBF7

 FFEBFF

Harmonies

Analogous

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



B1E165



5BEB96



00EFD4

Triad

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



5BEB96



61D6FF



FFA493

Complementary

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



5BEB96



EB5BB0

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.



FF9CCF



5BEB96



DBBFFF

Square

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



5BEB96



00E6FF



FFA7FF



FFB965

Rectangle

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



5BEB96



00EFFF



FFA7FF



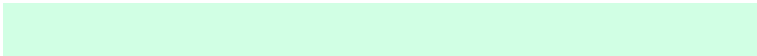
FF9FA6

Sweetspot

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



5BEB96



D1FFE4



B1EB5B



63806F



000000



808080

Same Dimension

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



5BEB96



42FF90



5BEBDD



6A756E



00B54A



003616

Inverse Universe

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



EB5BB0



FF42B2



EB5B69



756A70



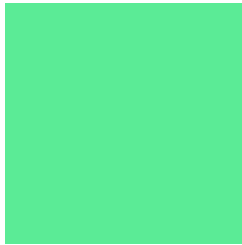
B5006B



360020

Previews

White Background



This preview shows how the Hex color 5BEB96 looks on a white background.

Color Contrast Check

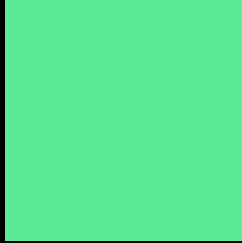
Large Text (above 18pt) WCAG AA × Fail

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 5BEB96 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

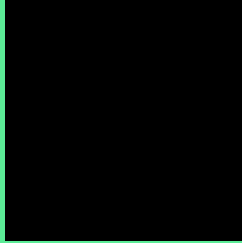
Any Text WCAG AA ✓ Pass

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 5BEB96 Background



This preview shows how black text looks on a background with the Hex color 5BEB96.

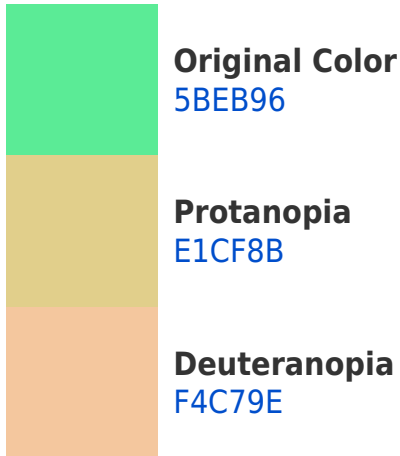


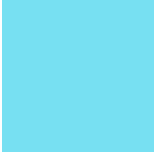
This preview shows how white text looks on a background with the Hex color 5BEB96.

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
77E0F2

Trichromacy



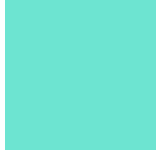
Original Color
5BEB96



Protanomaly
B0D98F



Deuteranomaly
BCD49B

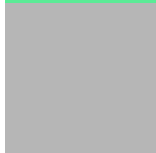


Tritanomaly
6DE4D1

Monochromacy



Original Color
5BEB96



Achromatopsia
B6B6B6



Achromatomaly
95C9AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BEB96 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 #5BEB96 looks like.

```
.text, #text, p{  
    color:#5BEB96  
}
```

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 #5BEB96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BEB96
}
```

Border

The CSS property to change the border of an element to Hex 5BEB96 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
#5BEB96 }
```

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

```
.border{ border-color:#5BEB96 }
```

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

Here you see how a box with a 4 pixel #5BEB96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BEB96; -webkit-box-shadow:4px 4px  
4px 4px #5BEB96; box-shadow:4px 4px 4px  
4px #5BEB96 }
```

Background

The CSS property to change the background color of an element to Hex 5BEB96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BEB96 }
```

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

```
.background{ background-color:#5BEB96 }
```

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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