

Converting Colors

Hex(5EEC98)

Have a look what the booklet for
Hex(5EEC98) contains.

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Color

Hex(5EEC98)

Conversions

Conversions Part 1

Format	Color
Hex	5EEC98
RGB	94, 236, 152
RGB Percent	37%, 93%, 60%
CMY	0.6314, 0.0745, 0.4039
CMYK	0.60, 0.00, 0.36, 0.07
HSL	145°, 79%, 65%
HSV	145°, 60%, 93%
XYZ	40.2790, 64.6376, 40.0591
YIQ	183.9660, -57.6680, -56.2280

Conversions

Conversions Part 2

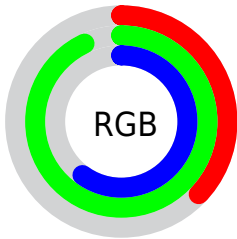
Format	Color
RYB	94, 195, 236
Decimal	6220952
CIELab	84.30, -56.75, 29.62
CIELCh	84, 64.012, 152.442
Yxy	64.6376, 0.2778, 0.4459
Android (android.graphics.Color)	4284411032 (0xFF5EEC98)
YUV	183.9660, -15.7592, -78.9002
Hunter-Lab	80.3975, -51.2674, 26.7362

Details

The Hex color **5EEC98** 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 **EC5EB2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **9CFFCF**, and **00B364** is the 20% darker color. If you saturate the color by 10%, you get **46EC8A**, and if you desaturate by 10%, it is **76ECA6**.

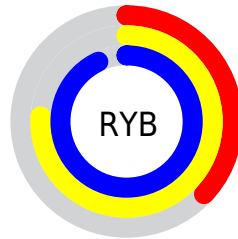
Distribution



Red (37%)

Green (93%)

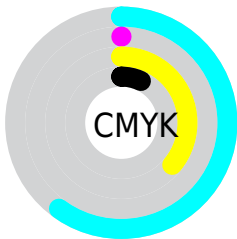
Blue (60%)



Red (37%)

Yellow (76%)

Blue (93%)

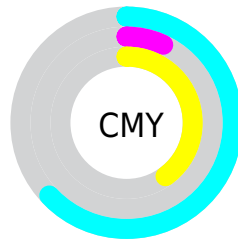


Cyan (60%)

Magenta (0%)

Yellow (36%)

Black (7%)



Cyan (63%)

Magenta (7%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EEC98 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 5EEC98 by changing the saturation by 10% instead.

 5EEC98

 5EEC98


FFFFFF

 3BCF7E

 9CFFCF

 00B364

 BAFEB

 00984C

 D8FFF

 007D34

 F6FFF

 00631C

 004904

 003200

 001800

 000000

 5EEC98

 5EEC98

 46EC8A

 76ECA6

 2FEC7C

 8DECB4

 17EC6E

 A5ECC2

 00EC60

 BCECD0

 D4ECDE

 ECECEC

 FFECFA

 FFECFF

Harmonies

Analogous

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



B2E267



5EEC98



00F0D6

Triad

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



5EEC98



66D7FF



FFA695

Complementary

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



5EEC98



EC5EB2

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.



FF9ED0



5EEC98



DCC0FF

Square

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



5EEC98



00E7FF



FFA9FF



FFBB67

Rectangle

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



5EEC98



00F0FF



FFA9FF



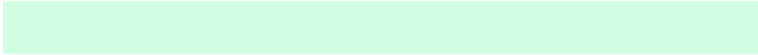
FFA1A8

Sweetspot

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



5EEC98



D1FFE4



B3EC5E



63806F



000000



808080

Same Dimension

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



5EEC98



47FF92



5EECDE



6A756E



00B54A



003616

Inverse Universe

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



EC5EB2



FF47B4



EC5E6C



756A71



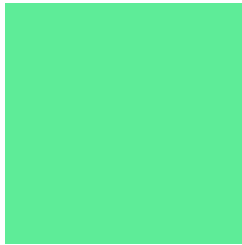
B5006B



360020

Previews

White Background



This preview shows how the Hex color 5EEC98 looks on a white background.

Color Contrast Check

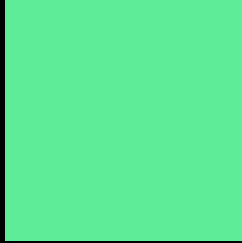
Large Text (above 18pt) WCAG AA × Fail

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 5EEC98 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

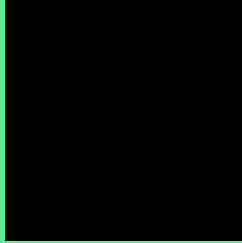
Any Text WCAG AA ✓ Pass

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 5EEC98 Background



This preview shows how black text looks on a background with the Hex color 5EEC98.

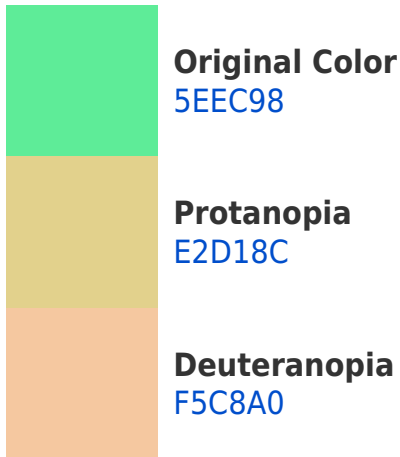


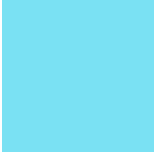
This preview shows how white text looks on a background with the Hex color 5EEC98.

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
7AE1F3

Trichromacy



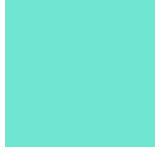
Original Color
5EEC98



Protanomaly
B2DB90



Deuteranomaly
BED59D



Tritanomaly
70E5D2

Monochromacy



Original Color
5EEC98



Achromatopsia
B8B8B8



Achromatomaly
97CBAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EEC98 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 #5EEC98 looks like.

```
.text, #text, p{  
    color:#5EEC98  
}
```

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 #5EEC98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EEC98
}
```

Border

The CSS property to change the border of an element to Hex 5EEC98 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
#5EEC98 }
```

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

```
.border{ border-color:#5EEC98 }
```

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

Here you see how a box with a 4 pixel #5EEC98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EEC98; -webkit-box-shadow:4px 4px  
4px 4px #5EEC98; box-shadow:4px 4px 4px  
4px #5EEC98 }
```

Background

The CSS property to change the background color of an element to Hex 5EEC98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EEC98 }
```

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

```
.background{ background-color:#5EEC98 }
```

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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