

Converting Colors

Hex(5FE4B5)

Have a look what the booklet for
Hex(5FE4B5) contains.

| | |
|--|----|
| Hex(5FE4B5) | 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(5FE4B5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5FE4B5 |
| RGB | 95, 228, 181 |
| RGB Percent | 37%, 89%, 71% |
| CMY | 0.6275, 0.1059, 0.2902 |
| CMYK | 0.58, 0.00, 0.21, 0.11 |
| HSL | 159°, 71%, 63% |
| HSV | 159°, 58%, 89% |
| XYZ | 40.8032, 61.2559, 53.3891 |
| YIQ | 182.8750, -64.1810, -42.8130 |

Conversions

Conversions Part 2

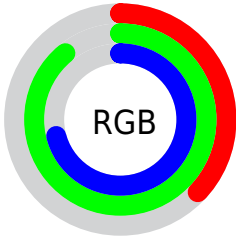
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 95, 176, 228 |
| Decimal | 6284469 |
| CIELab | 82.52, -47.45, 12.14 |
| CIELCh | 83, 48.982, 165.644 |
| Yxy | 61.2559, 0.2625, 0.3941 |
| Android (android.graphics.Color) | 4284474549 (0xFF5FE4B5) |
| YUV | 182.8750, -0.9244, -77.0664 |
| Hunter-Lab | 78.2661, -43.9067, 14.3418 |

Details

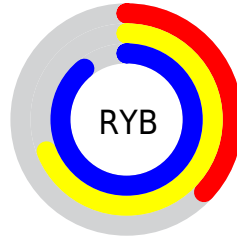
The Hex color **5FE4B5** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E45F8E**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **9CFFED**, and **0BAC80** is the 20% darker color. If you saturate the color by 10%, you get **48E4AD**, and if you desaturate by 10%, it is **76E4BD**.

Distribution



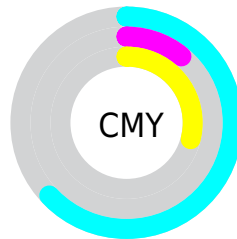
- Red (37%)
- Green (89%)
- Blue (71%)



- Red (37%)
- Yellow (69%)
- Blue (89%)



- Cyan (58%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)



- Cyan (63%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FE4B5 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 5FE4B5 by changing the saturation by 10% instead.

 5FE4B5

 5FE4B5


FFFFFF

 3EC89A

 9CFFED

 0BAC80

 B9FFFF

 009167

 D7FFFF

 00764F

 F6FFFF

 005C38

 004422

 002D0D

 001000

 000000

 5FE4B5

 5FE4B5

 48E4AD

 76E4BD

 31E4A5

 8DE4C5

 1BE49D

 A3E4CD

 04E495

 BAE4D5

 00E493

 D1E4DD

 E8E4E5

 FFE4ED

 FFE4F5

 FFE4FE

Harmonies

Analogous

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



9FDE8B



5FE4B5



00E6E5

Triad

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



5FE4B5



B0CAFF



FFB38E

Complementary

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



5FE4B5



E45F8E

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.



FFA9B7



5FE4B5



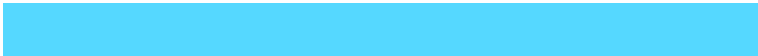
F0B8FF

Square

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



5FE4B5



55D8FF



FFABE5



FEC374

Rectangle

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



5FE4B5



00E4FF



FFABE5



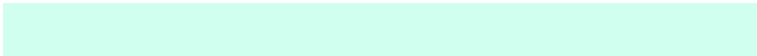
FFAF9A

Sweetspot

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



5FE4B5



D1FFEF



90E45F



638076



000000



808080

Same Dimension

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



5FE4B5



4DFFC0



5FD2E4



67736F



00B373



003321

Inverse Universe

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



E45F8E



FF4D8C



E4715F



73676B



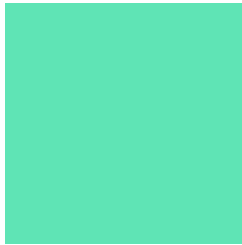
B3003F



330012

Previews

White Background



This preview shows how the Hex color 5FE4B5 looks on a white background.

Color Contrast Check

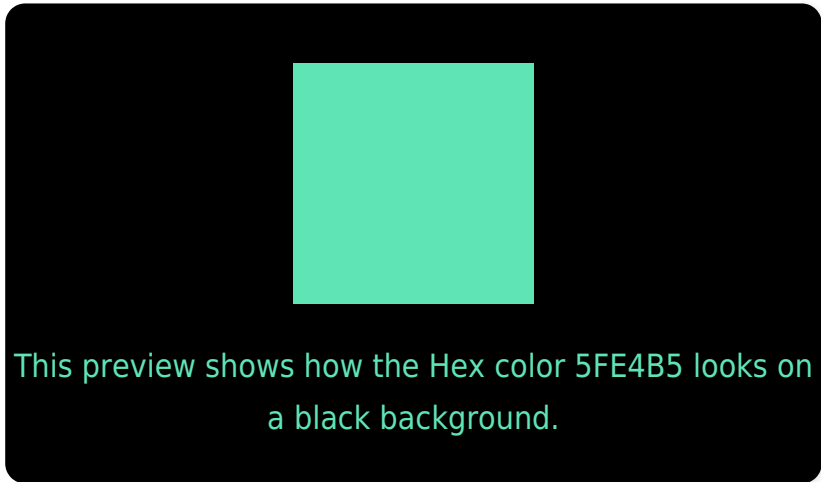
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

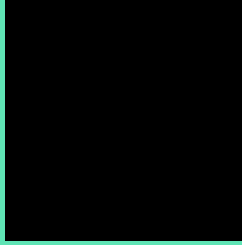
Any Text WCAG AA ✓ Pass

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 5FE4B5 Background



This preview shows how black text looks on a background with the Hex color 5FE4B5.

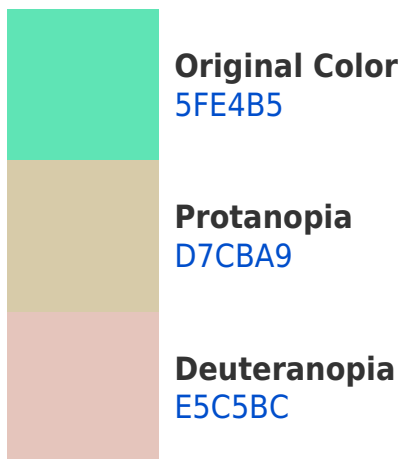


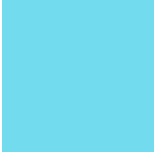
This preview shows how white text looks on a background with the Hex color 5FE4B5.

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
72DCEE

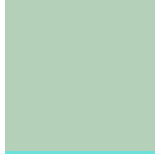
Trichromacy



Original Color
5FE4B5



Protanomaly
ABD4AD



Deuteranomaly
B4D0B9

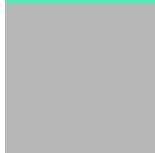


Tritanomaly
6BDFD9

Monochromacy



Original Color
5FE4B5



Achromatopsia
B7B7B7



Achromatomaly
97C7B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FE4B5 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 #5FE4B5 looks like.

```
.text, #text, p{  
    color:#5FE4B5  
}
```

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 #5FE4B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FE4B5
}
```

Border

The CSS property to change the border of an element to Hex 5FE4B5 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
#5FE4B5 }
```

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

```
.border{ border-color:#5FE4B5 }
```

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

Here you see how a box with a 4 pixel #5FE4B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FE4B5; -webkit-box-shadow:4px 4px  
4px 4px #5FE4B5; box-shadow:4px 4px 4px  
4px #5FE4B5 }
```

Background

The CSS property to change the background color of an element to Hex 5FE4B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FE4B5 }
```

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

```
.background{ background-color:#5FE4B5 }
```

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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