

# Converting Colors

Hex(55FBB4)

Have a look what the booklet for  
Hex(55FBB4) contains.

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**Color**

**Hex(55FBB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55FBB4
RGB	85, 251, 180
RGB Percent	33%, 98%, 71%
CMY	0.6667, 0.0157, 0.2941
CMYK	0.66, 0.00, 0.28, 0.02
HSL	154°, 95%, 66%
HSV	154°, 66%, 98%
XYZ	46.4817, 74.2209, 55.0563
YIQ	193.2720, -76.1450, -57.2730

# Conversions

## Conversions Part 2

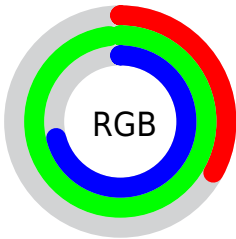
Format	Color
<a href="#">RYB</a>	<a href="#">85, 191, 251</a>
Decimal	<a href="#">5634996</a>
CIELab	<a href="#">89.03, -58.77, 21.75</a>
CIELCh	<a href="#">89, 62.667, 159.696</a>
Yxy	<a href="#">74.2209, 0.2645, 0.4223</a>
Android (android.graphics.Color)	<a href="#">4283825076 (0xFF55FBB4)</a>
YUV	<a href="#">193.2720, -6.5431, -94.9545</a>
Hunter-Lab	<a href="#">86.1516, -54.4584, 22.4161</a>

# Details

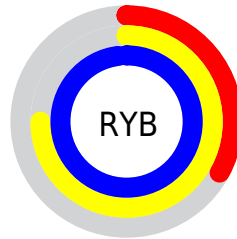
The Hex color **55FBB4** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **FB559C**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **97FFEC**, and **00C17F** is the 20% darker color. If you saturate the color by 10%, you get **3CFBA9**, and if you desaturate by 10%, it is **6EFBBF**.

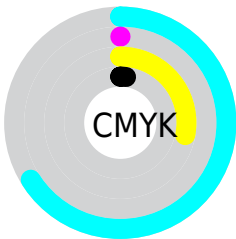
# Distribution



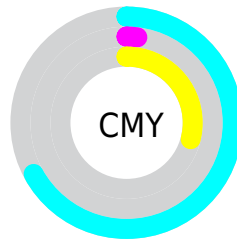
- Red (33%)
- Green (98%)
- Blue (71%)



- Red (33%)
- Yellow (75%)
- Blue (98%)



- Cyan (66%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)



- Cyan (67%)
- Magenta (2%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55FBB4 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 55FBB4 by changing the saturation by 10% instead.



 55FBB4

 55FBB4

FFFFFF

 2BDE99

 97FFEC

 00C17F

 B6FFFF

 00A566

 D5FFFF

 008A4D

 F4FFFF

 007036

 005620

 003D09

 002500

 000000

 55FBB4

 55FBB4

 3CFBA9

 6EFBBF

 23FB9F

 87FBC9

 0AFB94

 A0FBD4

 00FB90

 B9FBDF

 D3FBEA

 ECFBF4

 FFFBFF

# Harmonies

## Analogous

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



B0F280



55FBB4



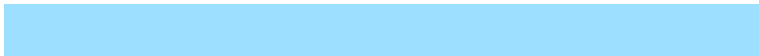
00FEF2

# Triad

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



55FBB4



9DDFFF



FFB896

# Complementary

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



55FBB4



FB559C

# 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.



FFADCE



55FBB4



FEC8FF

# Square

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



55FBB4



00F1FF



FFB3FF



FFCE6E

# Rectangle

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



55FBB4



00DFF



FFB3FF



FFB3A8

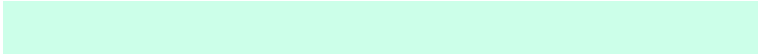


# Sweetspot

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



55FBB4



CCFFE9



9DFB55



618072



000000



808080



# Same Dimension

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



55FBB4



36FFA9



55F0FB



707D78



00BD6C



003D23



# Inverse Universe

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



FB559C



FF368C



FB6055



7D7076



BD0051

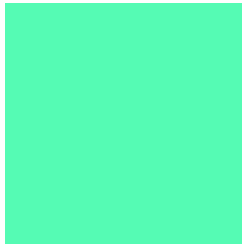


3D001A



# Previews

## White Background



This preview shows how the Hex color 55FBB4 looks on a white background.

## Color Contrast Check

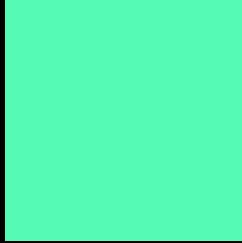
Large Text (above 18pt) WCAG AA × Fail

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 55FBB4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

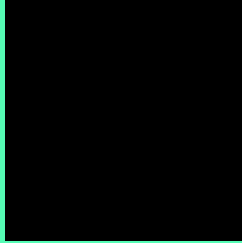
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

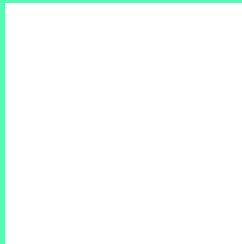
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55FBB4 Background



This preview shows how black text looks on a background with the Hex color 55FBB4.

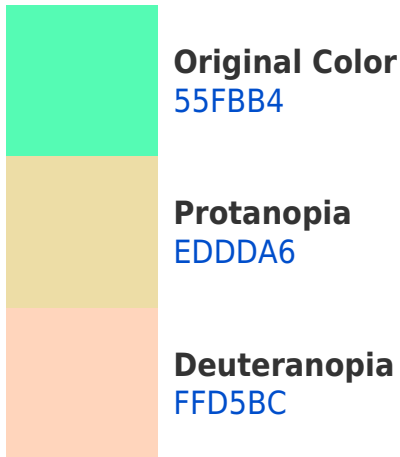


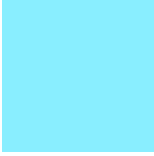
This preview shows how white text looks on a background with the Hex color 55FBB4.

# 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](#).

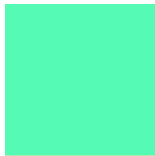
## Dichromacy





**Tritanopia**  
89EEFF

# Trichromacy



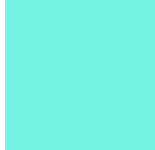
**Original Color**  
55FBB4



**Protanomaly**  
B6E8AB



**Deuteranomaly**  
C1E3B9



**Tritanomaly**  
76F3E4

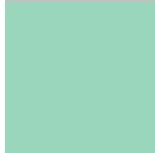
# Monochromacy



**Original Color**  
55FBB4



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
9AD6BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55FBB4 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 #55FBB4 looks like.

```
.text, #text, p{  
    color:#55FBB4  
}
```

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 #55FBB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55FBB4
}
```

## Border

The CSS property to change the border of an element to Hex 55FBB4 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
#55FBB4 }
```

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

```
.border{ border-color:#55FBB4 }
```

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

Here you see how a box with a 4 pixel #55FBB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55FBB4; -webkit-box-shadow:4px 4px  
4px 4px #55FBB4; box-shadow:4px 4px 4px  
4px #55FBB4 }
```

# Background

The CSS property to change the background color of an element to Hex 55FBB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55FBB4 }
```

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

```
.background{ background-color:#55FBB4 }
```

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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