

Converting Colors

Hex(54FEC3)

Have a look what the booklet for
Hex(54FEC3) contains.

Hex(54FEC3)	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(54FEC3)

Conversions

Conversions Part 1

Format	Color
Hex	54FEC3
RGB	84, 254, 195
RGB Percent	33%, 100%, 76%
CMY	0.6706, 0.0039, 0.2353
CMYK	0.67, 0.00, 0.23, 0.00
HSL	159°, 99%, 66%
HSV	159°, 67%, 100%
XYZ	48.9483, 76.7086, 63.8562
YIQ	196.4440, -82.3810, -54.3890

Conversions

Conversions Part 2

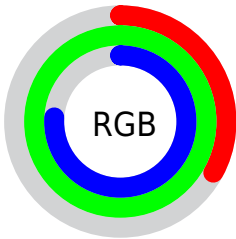
Format	Color
R _Y B	84, 187, 254
Decimal	5570243
CIE Lab	90.19, -56.93, 15.67
CIE LCh	90, 59.045, 164.607
Yxy	76.7086, 0.2583, 0.4048
Android (android.graphics.Color)	4283760323 (0xFF54FEC3)
YUV	196.4440, -0.7119, -98.6134
Hunter-Lab	87.5834, -53.5116, 18.0807

Details

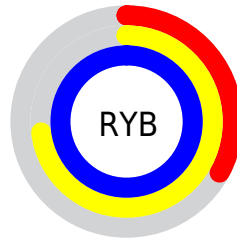
The Hex color **54FEC3** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted cyan. A complement of this color would be **FE548F**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **97FFFC**, and **00C48D** is the 20% darker color. If you saturate the color by 10%, you get **3BFEB4**, and if you desaturate by 10%, it is **6DFECC**.

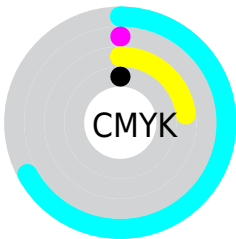
Distribution



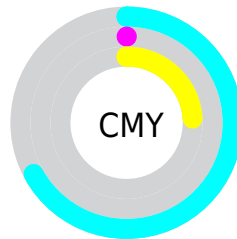
- Red (33%)
- Green (100%)
- Blue (76%)



- Red (33%)
- Yellow (73%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (67%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54FEC3 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 54FEC3 by changing the saturation by 10% instead.

 54FEC3

 54FEC3

FFFFFF

 28E1A8

 97FFFC

 00C48D

 B6FFFF

 00A874

 D5FFFF

 008D5B

 F4FFFF

 007243

 00582D

 003F18

 002800

 000100

 54FEC3

 54FEC3

 3BFEB4

 6DFECC

 21FEB1

 87FED5

 08FEA9

 A0FEDD

 00FEA6

 BAFEE6

 D3FEEF

 ECFEF8

FFFEFF

Harmonies

Analogous

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



ABF690



54FEC3



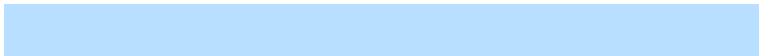
00FFFE

Triad

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



54FEC3



B8DFFF



FFC196

Complementary

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



54FEC3



FE548F

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.



FFB5C9



54FEC3



FFC9FF

Square

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



54FEC3



1BF1FF



FFB8FF



FFD575

Rectangle

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



54FEC3



00FEFF



FFB8FF



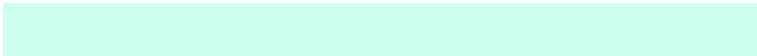
FFBCA6

Sweetspot

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



54FEC3



CCFFED



8FFE54



618075



000000



808080

Same Dimension

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



54FEC3



33FFB8



54E4FE



73807B



00BF7D



00402A

Inverse Universe

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



FE548F



FF337A



FE6E54



807377



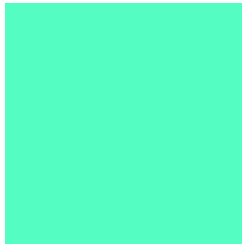
BF0042



400016

Previews

White Background



This preview shows how the Hex color 54FEC3 looks on a white background.

Color Contrast Check

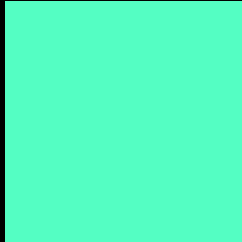
Large Text (above 18pt) WCAG AA × Fail

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 54FEC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

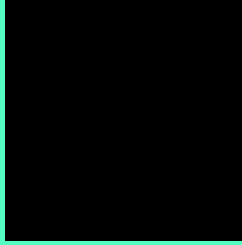
Any Text WCAG AA ✓ Pass

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 54FEC3 Background



This preview shows how black text looks on a background with the Hex color 54FEC3.

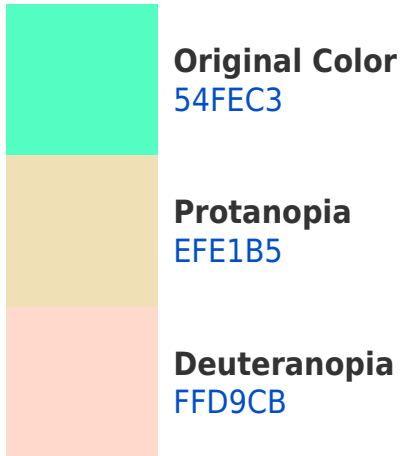


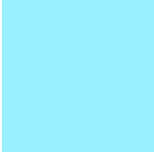
This preview shows how white text looks on a background with the Hex color 54FEC3.

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](#).

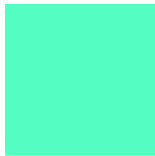
Dichromacy





Tritanopia
98F0FF

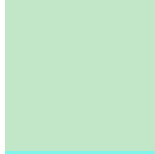
Trichromacy



Original Color
54FEC3



Protanomaly
B7ECBA



Deuteranomaly
C1E6C8

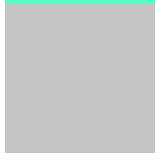


Tritanomaly
7FF5E9

Monochromacy



Original Color
54FEC3



Achromatopsia
C4C4C4



Achromatomaly
9BD9C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 54FEC3 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 #54FEC3 looks like.

```
.text, #text, p{  
    color:#54FEC3  
}
```

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 #54FEC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54FEC3
}
```

Border

The CSS property to change the border of an element to Hex 54FEC3 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
#54FEC3 }
```

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

```
.border{ border-color:#54FEC3 }
```

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

Here you see how a box with a 4 pixel #54FEC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54FEC3; -webkit-box-shadow:4px 4px  
4px 4px #54FEC3; box-shadow:4px 4px 4px  
4px #54FEC3 }
```

Background

The CSS property to change the background color of an element to Hex 54FEC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54FEC3 }
```

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

```
.background{ background-color:#54FEC3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor