

Converting Colors

Hex(53EFA9)

Have a look what the booklet for
Hex(53EFA9) contains.

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Color

Hex(53EFA9)

Conversions

Conversions Part 1

Format	Color
Hex	53EFA9
RGB	83, 239, 169
RGB Percent	33%, 94%, 66%
CMY	0.6745, 0.0627, 0.3373
CMYK	0.65, 0.00, 0.29, 0.06
HSL	153°, 83%, 63%
HSV	153°, 65%, 94%
XYZ	41.5952, 66.4366, 48.1674
YIQ	184.3760, -70.5060, -54.8420

Conversions

Conversions Part 2

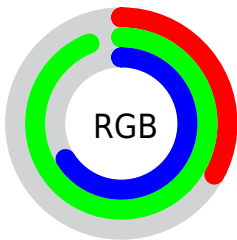
Format	Color
RYB	83, 184, 239
Decimal	5500841
CIELab	85.22, -56.68, 22.12
CIELCh	85, 60.841, 158.677
Yxy	66.4366, 0.2663, 0.4253
Android (android.graphics.Color)	4283690921 (0xFF53EFA9)
YUV	184.3760, -7.5804, -88.9068
Hunter-Lab	81.5086, -51.5486, 22.0187

Details

The Hex color **53EFA9** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **EF5399**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **93FFE0**, and **00B675** is the 20% darker color. If you saturate the color by 10%, you get **3BEF9E**, and if you desaturate by 10%, it is **6BEFB4**.

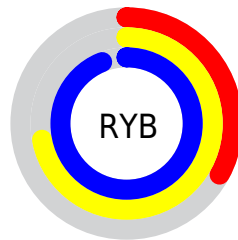
Distribution



Red (33%)

Green (94%)

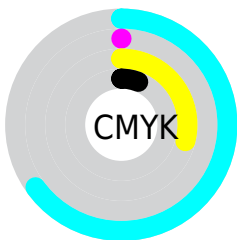
Blue (66%)



Red (33%)

Yellow (72%)

Blue (94%)

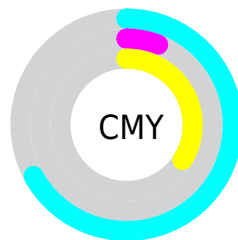


Cyan (65%)

Magenta (0%)

Yellow (29%)

Black (6%)



Cyan (67%)

Magenta (6%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53EFA9 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 53EFA9 by changing the saturation by 10% instead.

 53EFA9

FFFFFF

 93FFE0

 B2FFFD

 D1FFFF

 EFFFFFF

 53EFA9

 2BD28E

 00B675

 009A5C

 007F44

 00652D

 004C17

 003400

 001B00

 000000

 53EFA9

 53EFA9

 3BEF9E

 6BEFB4

 23EF94

 83EFBE

 0BEF89

 9BEFC9

 00EF84

 B3EFD4

 CAEFD4

 E2EFE9

 FAEFF4

 FFEFFF

Harmonies

Analogous

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



A9E677



53EFA9



00F2E4

Triad

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



53EFA9



90D5FF



FFAF90

Complementary

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



53EFA9



EF5399

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.



FFA4C6



53EFA9



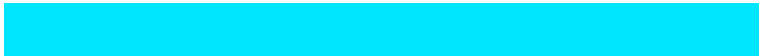
EFBFFF

Square

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



53EFA9



00E6FF



FFABFF



FFC369

Rectangle

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



53EFA9



00F1FF



FFABFF



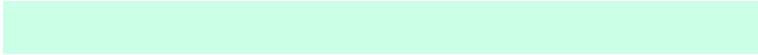
FFA9A1

Sweetspot

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



53EFA9



CCFFE8



99EF53



618072



000000



808080

Same Dimension

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



53EFA9



38FFA6



53E7EF



6C7872



00B865



00381F

Inverse Universe

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



EF5399



FF3891



EF5B53



786C71



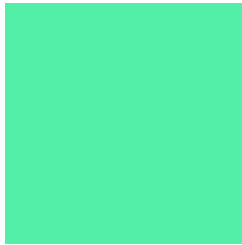
B80052



380019

Previews

White Background



This preview shows how the Hex color 53EFA9 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 53EFA9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

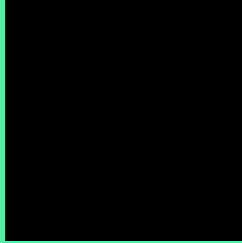
Any Text WCAG AA ✓ Pass

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 53EFA9 Background



This preview shows how black text looks on a background with the Hex color 53EFA9.

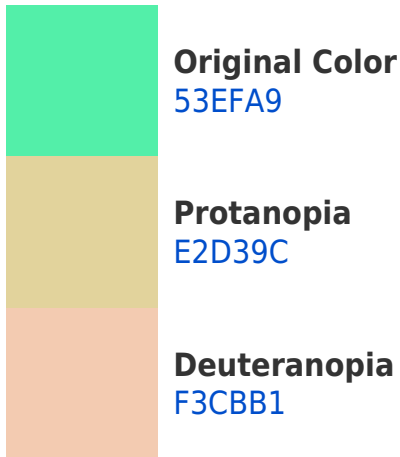


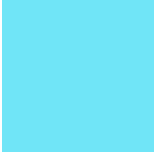
This preview shows how white text looks on a background with the Hex color 53EFA9.

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
70E5F7

Trichromacy



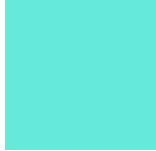
Original Color
53EFA9



Protanomaly
AEDDA1



Deuteranomaly
B9D8AE

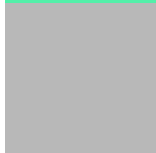


Tritanomaly
65E9DB

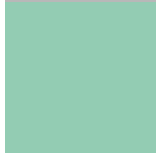
Monochromacy



Original Color
53EFA9



Achromatopsia
B8B8B8



Achromatomaly
93CCB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 53EFA9 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 #53EFA9 looks like.

```
.text, #text, p{  
    color:#53EFA9  
}
```

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 #53EFA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53EFA9
}
```

Border

The CSS property to change the border of an element to Hex 53EFA9 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
#53EFA9 }
```

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

```
.border{ border-color:#53EFA9 }
```

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

Here you see how a box with a 4 pixel #53EFA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53EFA9; -webkit-box-shadow:4px 4px  
4px 4px #53EFA9; box-shadow:4px 4px 4px  
4px #53EFA9 }
```

Background

The CSS property to change the background color of an element to Hex 53EFA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53EFA9 }
```

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

```
.background{ background-color:#53EFA9 }
```

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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