

Converting Colors

Decimal(5500849)

Have a look what the booklet for
Decimal(5500849) contains.

Decimal(5500849)	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

Decimal(5500849)

Conversions

Conversions Part 1

Format	Color
Hex	53EFB1
RGB	83, 239, 177
RGB Percent	33%, 94%, 69%
CMY	0.6745, 0.0627, 0.3059
CMYK	0.65, 0.00, 0.26, 0.06
HSL	156°, 83%, 63%
HSV	156°, 65%, 94%
XYZ	42.3696, 66.7463, 52.2452
YIQ	185.2880, -73.0740, -52.3540

Conversions

Conversions Part 2

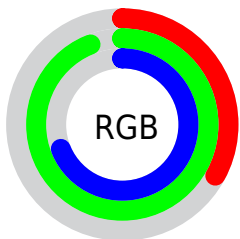
Format	Color
RYB	83, 180, 239
Decimal	5500849
CIELab	85.38, -55.01, 18.21
CIELCh	85, 57.948, 161.685
Yxy	66.7463, 0.2626, 0.4136
Android (android.graphics.Color)	4283690929 (0xFF53EFB1)
YUV	185.2880, -4.0860, -89.7066
Hunter-Lab	81.6984, -50.4004, 19.2736

Details

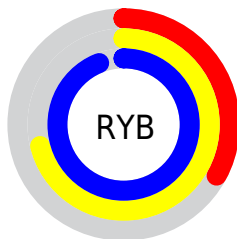
The Decimal color **5500849** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **15684497**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **9764841**, and **46716** is the 20% darker color. If you saturate the color by 10%, you get **3927976**, and if you desaturate by 10%, it is **7073722**.

Distribution



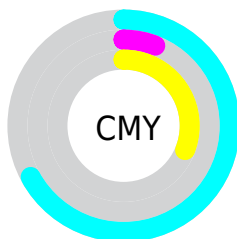
- Red (33%)
- Green (94%)
- Blue (69%)



- Red (33%)
- Yellow (71%)
- Blue (94%)



- Cyan (65%)
- Magenta (0%)
- Yellow (26%)
- Black (6%)



- Cyan (67%)
- Magenta (6%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5500849 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 Decimal color 5500849 by changing the saturation by 10% instead.

5500849

5500849

16777215

2871958

9764841

46716

11730943

39523

13762559

32587

15794175

25908

19486

13319

6912

0

■ 5500849

■ 5500849

■ 3927976

■ 7073722

■ 2355102

■ 8646596

■ 782229

■ 10219469

■ 61328

■ 11792343

■ 13299680

■ 14872554

■ 16445427

■ 16773117

■ 16773119

Harmonies

Analogous

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



10872705



5500849



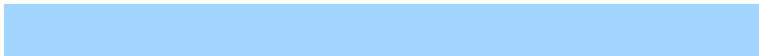
61930

Triad

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



5500849



10605823



16757647

Complementary

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



5500849



15684497

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.



16754882



5500849



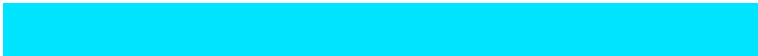
16171007

Square

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



5500849



58623



16756217



16762476

Rectangle

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



5500849



61695



16756217



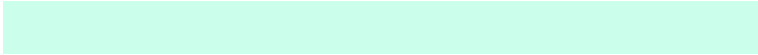
16756383

Sweetspot

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



5500849



13434859



9563987



6389875



0



8421504

Same Dimension

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



5500849



3735472



5496815



7108723



47215



14370

Inverse Universe

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



15684497



16726151



15688531



7892081



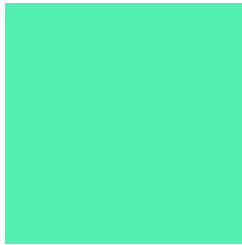
12058697



3670038

Previews

White Background



This preview shows how the Decimal color 5500849 looks on a white background.

Color Contrast Check

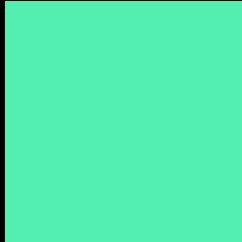
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 5500849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

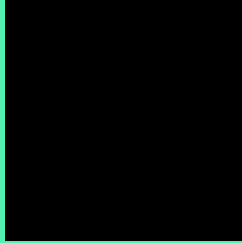
Any Text WCAG AA ✓ Pass

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](#).

Decimal 5500849 Background



This preview shows how black text looks on a background with the Decimal color 5500849.

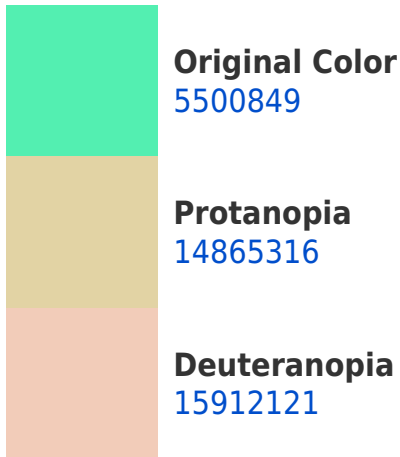


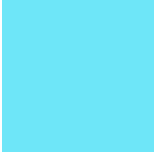
This preview shows how white text looks on a background with the Decimal color 5500849.

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
7268088

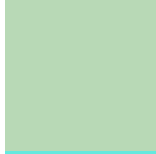
Trichromacy



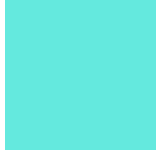
Original Color
5500849



Protanomaly
11460009

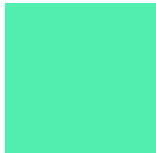


Deuteranomaly
12114358

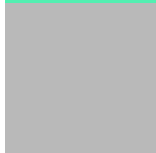


Tritanomaly
6613470

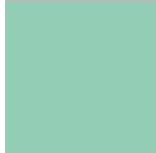
Monochromacy



Original Color
5500849



Achromatopsia
12171705



Achromatomaly
9751990

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5500849 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 #53EFB1 looks like.

```
.text, #text, p{  
    color:#53EFB1  
}
```

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 #53EFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53EFB1  
}
```

Border

The CSS property to change the border of an element to Decimal 5500849 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  
#53EFB1 }
```

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

```
.border{ border-color:#53EFB1 }
```

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

Here you see how a box with a 4 pixel #53EFB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53EFB1; -webkit-box-shadow:4px 4px  
4px 4px #53EFB1; box-shadow:4px 4px 4px  
4px #53EFB1 }
```

Background

The CSS property to change the background color of an element to Decimal 5500849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53EFB1 }
```

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

```
.background{ background-color:#53EFB1 }
```

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