

Converting Colors

Decimal(5499303)

Have a look what the booklet for
Decimal(5499303) contains.

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Color

Decimal(5499303)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 53E9A7 |
| RGB | 83, 233, 167 |
| RGB Percent | 33%, 91%, 65% |
| CMY | 0.6745, 0.0863, 0.3451 |
| CMYK | 0.64, 0.00, 0.28, 0.09 |
| HSL | 154°, 77%, 62% |
| HSV | 154°, 64%, 91% |
| XYZ | 39.6812, 62.9068, 46.6100 |
| YIQ | 180.6260, -68.2140, -52.3260 |

Conversions

Conversions Part 2

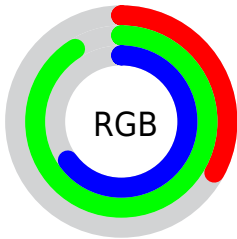
| Format | Color |
|-------------------------------------|---|
| RYB | 83, 179, 233 |
| Decimal | 5499303 |
| CIELab | 83.39, -54.72, 20.64 |
| CIELCh | 83, 58.485, 159.338 |
| Yxy | 62.9068, 0.2660, 0.4216 |
| Android (android.graphics.Color) | 4283689383 (0xFF53E9A7) |
| YUV | 180.6260, -6.7176, -85.6180 |
| Hunter-Lab | 79.3138, -49.4945, 20.6770 |




Details

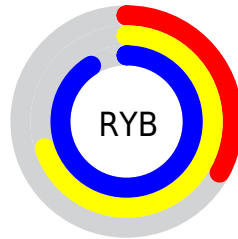
The Decimal color **5499303** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **15291285**, and the grayscale version is **11908533**.




A 20% lighter version of the original color is **9699294**, and **45171** is the 20% darker color. If you saturate the color by 10%, you get **3991965**, and if you desaturate by 10%, it is **7006641**.

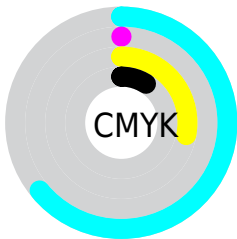
Distribution







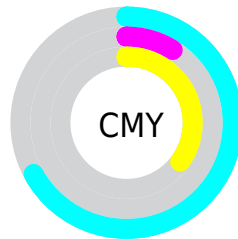
-  Red (33%)
-  Green (91%)
-  Blue (65%)






-  Red (33%)
-  Yellow (70%)
-  Blue (91%)



-  Cyan (64%)
-  Magenta (0%)
-  Yellow (28%)
-  Black (9%)



-  Cyan (67%)
-  Magenta (9%)
-  Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5499303 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 5499303 by changing the saturation by 10% instead.

5499303

5499303

16777215

2935948

9699294

45171

11665403

38234

13631487

31298

15663103

24619

18198

12288

5120

0

■ 5499303

■ 5499303

■ 3991965

■ 7006641

■ 2419090

■ 8579516

■ 911752

■ 10086854

■ 59778

■ 11594192

■ 13167066

■ 14674405

■ 16181743

■ 16771577

■ 16771583

Harmonies

Analogous

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



10805623



5499303



60640

Triad

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



5499303



9621759



16755853

Complementary

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



5499303



15291285

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.



16753089



5499303



15449087

Square

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



5499303



57599



16754936



16760680

Rectangle

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



5499303



60415



16754936



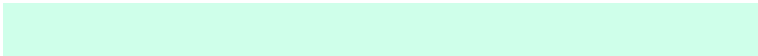
16754589

Sweetspot

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



5499303



13631466



9890131



6455411



0



8421504

Same Dimension

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



5499303



3932073



5497577



6976880



46437



13854

Inverse Universe

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



15291285



16726929



15293267



7694959



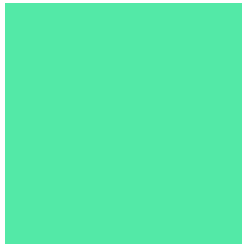
11862096



3538968

Previews

White Background



This preview shows how the Decimal color 5499303 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 5499303 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 5499303 Background



This preview shows how black text looks on a background with the Decimal color 5499303.

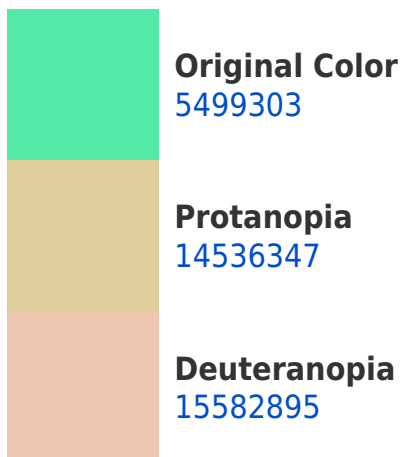


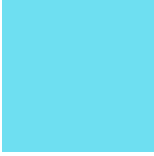
This preview shows how white text looks on a background with the Decimal color 5499303.

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
7266289

Trichromacy



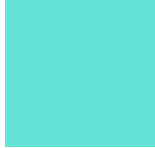
Original Color
5499303



Protanomaly
11262111



Deuteranomaly
11916204



Tritanomaly
6611926

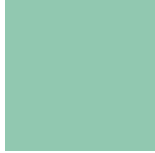
Monochromacy



Original Color
5499303



Achromatopsia
11908533



Achromatomaly
9554096

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5499303 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 #53E9A7 looks like.

```
.text, #text, p{  
  color:#53E9A7  
}
```

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 #53E9A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53E9A7
}
```

Border

The CSS property to change the border of an element to Decimal 5499303 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
#53E9A7 }
```

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

```
.border{ border-color:#53E9A7 }
```

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

Here you see how a box with a 4 pixel #53E9A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53E9A7; -webkit-box-shadow:4px 4px  
4px 4px #53E9A7; box-shadow:4px 4px 4px  
4px #53E9A7 }
```

Background

The CSS property to change the background color of an element to Decimal 5499303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53E9A7 }
```

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

```
.background{ background-color:#53E9A7 }
```

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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