

Converting Colors

Decimal(5489903)

Have a look what the booklet for
Decimal(5489903) contains.

Decimal(5489903)	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(5489903)

Conversions

Conversions Part 1

Format	Color
Hex	53C4EF
RGB	83, 196, 239
RGB Percent	33%, 77%, 94%
CMY	0.6745, 0.2314, 0.0627
CMYK	0.65, 0.18, 0.00, 0.06
HSL	197°, 83%, 63%
HSV	197°, 65%, 94%
XYZ	38.8872, 47.5509, 88.7900
YIQ	167.1150, -81.1510, -10.5830

Conversions

Conversions Part 2

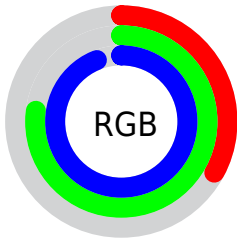
Format	Color
R _Y B	83, 149, 239
Decimal	5489903
CIE Lab	74.54, -19.07, -30.75
CIE LCh	75, 36.184, 238.186
Yxy	47.5509, 0.2219, 0.2714
Android (android.graphics.Color)	4283679983 (0xFF53C4EF)
YUV	167.1150, 35.4393, -73.7689
Hunter-Lab	68.9571, -20.0129, -28.0725

Details

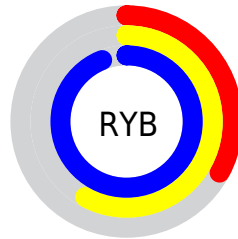
The Decimal color **5489903** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **15695443**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **9698815**, and **36535** is the 20% darker color. If you saturate the color by 10%, you get **3915247**, and if you desaturate by 10%, it is **7064559**.

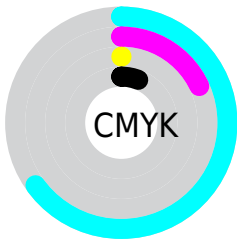
Distribution



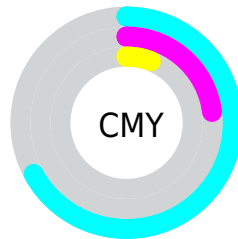
- Red (33%)
- Green (77%)
- Blue (94%)



- Red (33%)
- Yellow (58%)
- Blue (94%)



- Cyan (65%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (67%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5489903 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 5489903 by changing the saturation by 10% instead.

 5489903

 5489903

16777215

 2861523

 9698815

 36535

 11730943

 30108

 13697023

 23682

 15728639

 17512

 11856

 6969

 547

 10

■ 5489903

■ 5489903

■ 3915247

■ 7064559

■ 2340847

■ 8638959

■ 766191

■ 10213615

■ 44527

■ 11788015

■ 13297135

■ 14871791

■ 16446191

■ 16775663

■ 16777199

Harmonies

Analogous

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



4245974



5489903



8829945

Triad

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



5489903



16096955



11386748

Complementary

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



5489903



15695443

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.



13677941



5489903



16294042

Square

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



5489903



14722267



15378816



8832659

Rectangle

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



5489903



11121910



15378816



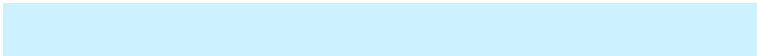
12172407

Sweetspot

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



5489903



13431295



5500797



6387584



0



8421504

Same Dimension

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



5489903



3721471



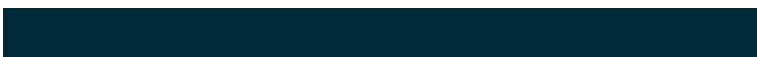
5470191



7107960



34232



10552

Inverse Universe

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



15684548



16726216



15715155



7892085



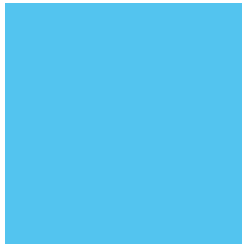
12058757



3670057

Previews

White Background



This preview shows how the Decimal color 5489903 looks on a white background.

Color Contrast Check

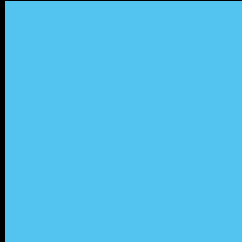
Large Text (above 18pt) WCAG AA × Fail

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 5489903 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 5489903 Background



This preview shows how black text looks on a background with the Decimal color 5489903.

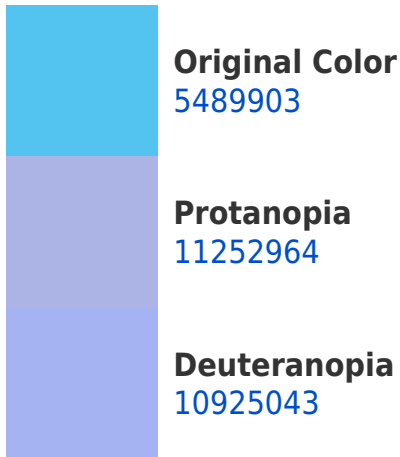


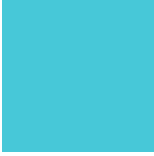
This preview shows how white text looks on a background with the Decimal color 5489903.

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
4704472

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5489903 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 #53C4EF looks like.

```
.text, #text, p{  
    color:#53C4EF  
}
```

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 #53C4EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53C4EF
}
```

Border

The CSS property to change the border of an element to Decimal 5489903 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
#53C4EF }
```

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

```
.border{ border-color:#53C4EF }
```

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

Here you see how a box with a 4 pixel #53C4EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53C4EF; -webkit-box-shadow:4px 4px  
4px 4px #53C4EF; box-shadow:4px 4px 4px  
4px #53C4EF }
```

Background

The CSS property to change the background color of an element to Decimal 5489903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53C4EF }
```

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

```
.background{ background-color:#53C4EF }
```

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