

# Converting Colors

Decimal(5481983)

Have a look what the booklet for  
Decimal(5481983) contains.

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# **Color**

**Decimal(5481983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53A5FF
RGB	83, 165, 255
RGB Percent	33%, 65%, 100%
CMY	0.6745, 0.3529, 0.0000
CMYK	0.67, 0.35, 0.00, 0.00
HSL	211°, 100%, 66%
HSV	211°, 67%, 100%
XYZ	35.0724, 35.9693, 99.7020
YIQ	150.7420, -77.7620, 10.6060

# Conversions

## Conversions Part 2

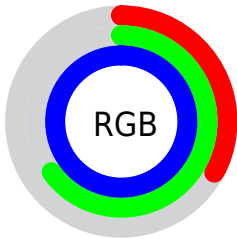
Format	Color
R <sub>Y</sub> B	83, 139, 255
Decimal	5481983
CIE Lab	66.50, 3.04, -51.98
CIE LCh	66, 52.066, 273.349
Yxy	35.9693, 0.2054, 0.2107
Android (android.graphics.Color)	4283672063 (0xFF53A5FF)
YUV	150.7420, 51.3992, -59.4097
Hunter-Lab	59.9744, -0.5702, -56.5822

# Details

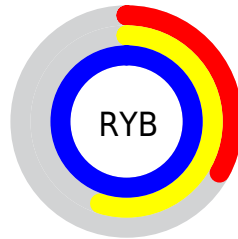
The Decimal color **5481983** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **16756051**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **9755903**, and **29382** is the 20% darker color. If you saturate the color by 10%, you get **3774719**, and if you desaturate by 10%, it is **7123711**.

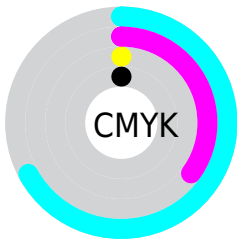
# Distribution



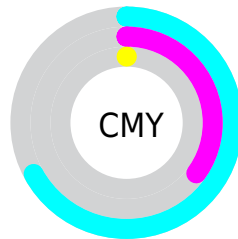
- Red (33%)
- Green (65%)
- Blue (100%)



- Red (33%)
- Yellow (55%)
- Blue (100%)



- Cyan (67%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (35%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5481983 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 5481983 by changing the saturation by 10% instead.



■ 5481983

■ 5481983

16777215

■ 2788322

■ 9755903

■ 29382

■ 11794687

■ 23210

■ 13828095

■ 17295

■ 15859711

■ 11637

■ 6748

■ 1860

■ 812

■ 279

■ 5481983

■ 5481983

■ 3774719

■ 7123711

■ 2132735

■ 8831231

■ 491007

■ 10538495

■ 31487

■ 12180223

■ 13887743

■ 15529471

16777215

# Harmonies

## Analogous

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



45813



5481983



11244528

# Triad

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



5481983



16089201



4634230

# Complementary

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



5481983



16756051

# 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.



8891984



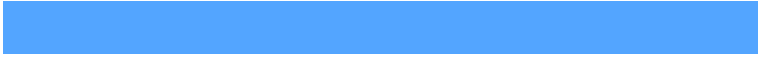
5481983



14585934

# Square

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



5481983



16218526



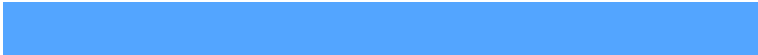
12099904



47526

# Rectangle

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



5481983



13731802



12099904

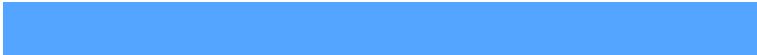


6272104

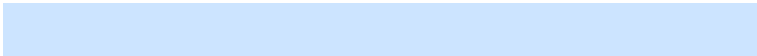


# Sweetspot

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



5481983



13427967



5504940



6385536



0

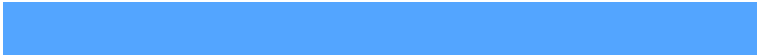


8421504



# Same Dimension

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



5481983



3183615



5657599



7567744



23487



7744



# Inverse Universe

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



16733093



16724115



16580435



8418169



12517467

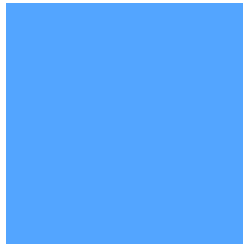


4194334



# Previews

## White Background



This preview shows how the Decimal color 5481983 looks on a white background.

## Color Contrast Check

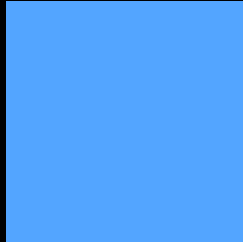
Large Text (above 18pt) WCAG AA × Fail

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 5481983 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

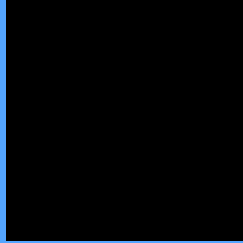
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

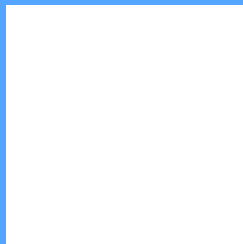
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5481983 Background



This preview shows how black text looks on a background with the Decimal color 5481983.



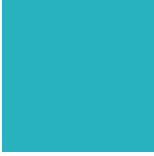
This preview shows how white text looks on a background with the Decimal color 5481983.

# 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



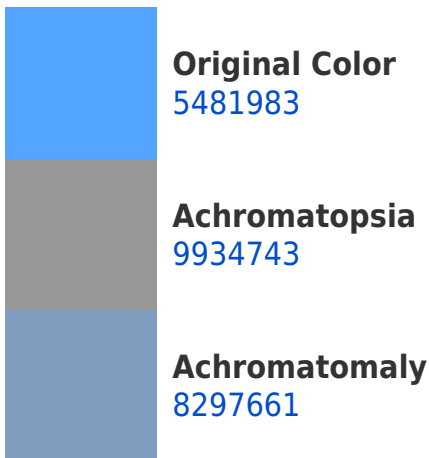


**Tritanopia**  
2667200

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5481983 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 #53A5FF looks like.

```
.text, #text, p{  
    color:#53A5FF  
}
```

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 #53A5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A5FF  
}
```

## Border

The CSS property to change the border of an element to Decimal 5481983 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  
#53A5FF }
```

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

```
.border{ border-color:#53A5FF }
```

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

Here you see how a box with a 4 pixel #53A5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A5FF; -webkit-box-shadow:4px 4px  
4px 4px #53A5FF; box-shadow:4px 4px 4px  
4px #53A5FF }
```

# Background

The CSS property to change the background color of an element to Decimal 5481983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A5FF }
```

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

```
.background{ background-color:#53A5FF }
```

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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