

# Converting Colors

Decimal(5348080)

Have a look what the booklet for  
Decimal(5348080) contains.

<b>Decimal(5348080)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(5348080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	519AF0
RGB	81, 154, 240
RGB Percent	32%, 60%, 94%
CMY	0.6824, 0.3961, 0.0588
CMYK	0.66, 0.36, 0.00, 0.06
HSL	212°, 84%, 63%
HSV	212°, 66%, 94%
XYZ	30.6771, 31.1518, 86.8341
YIQ	141.9770, -71.1140, 11.2700

# Conversions

## Conversions Part 2

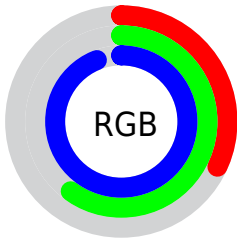
Format	Color
R <sub>Y</sub> B	81, 131, 240
Decimal	5348080
CIE Lab	62.64, 4.03, -49.89
CIE LCh	63, 50.054, 274.616
Yxy	31.1518, 0.2064, 0.2095
Android (android.graphics.Color)	4283538160 (0xFF519AF0)
YUV	141.9770, 48.3253, -53.4768
Hunter-Lab	55.8138, 0.4354, -53.1727

# Details

The Decimal color **5348080** 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 **15771473**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **9490687**, and **26551** is the 20% darker color. If you saturate the color by 10%, you get **3771888**, and if you desaturate by 10%, it is **6924272**.

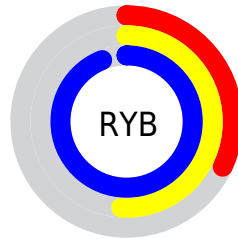
# Distribution



Red (32%)

Green (60%)

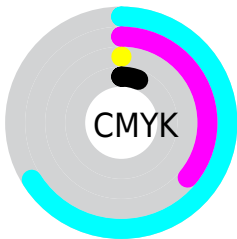
Blue (94%)



Red (32%)

Yellow (51%)

Blue (94%)

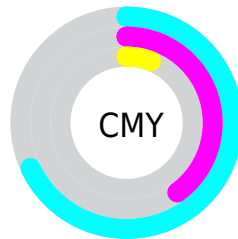


Cyan (66%)

Magenta (36%)

Yellow (0%)

Black (6%)



Cyan (68%)

Magenta (40%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5348080 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 5348080 by changing the saturation by 10% instead.



■ 5348080

■ 5348080

16777215

■ 2785491

■ 9490687

■ 26551

■ 11529471

■ 20636

■ 13500415

■ 14978

■ 15532031

■ 9576

■ 3919

■ 1336

■ 545

■ 7

■ 5348080

■ 5348080

■ 3771888

■ 6924272

■ 2195696

■ 8500464

■ 619504

■ 10076656

■ 28400

■ 11652848

■ 13229040

■ 14805232

■ 16381424

■ 16777200

# Harmonies

## Analogous

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



42727



5348080



10717665

# Triad

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



5348080



15104103



3976048

# Complementary

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



5348080



15771473

# 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.



8168267



5348080



13600583

# Square

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



5348080



15298962



11179834



44701

# Rectangle

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



5348080



13073868



11179834



5613922

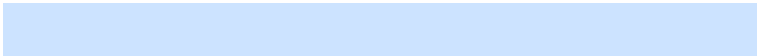


# Sweetspot

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



5348080



13427711



5370022



6385536



0



8421504



# Same Dimension

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



5348080



3379711



5657072



7106936



21688



6712



# Inverse Universe

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



15749530



16724881



15462481



7892081



12058708

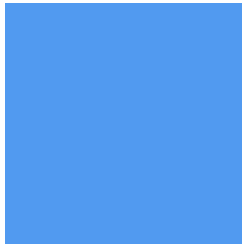


3670042



# Previews

## White Background



This preview shows how the Decimal color 5348080 looks on a white background.

## Color Contrast Check

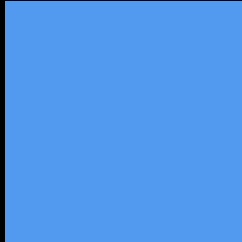
Large Text (above 18pt) WCAG AA × Fail

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 5348080 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

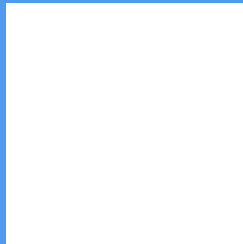
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5348080 Background



This preview shows how black text looks on a background with the Decimal color 5348080.



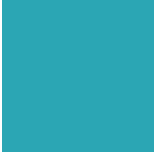
This preview shows how white text looks on a background with the Decimal color 5348080.

# 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



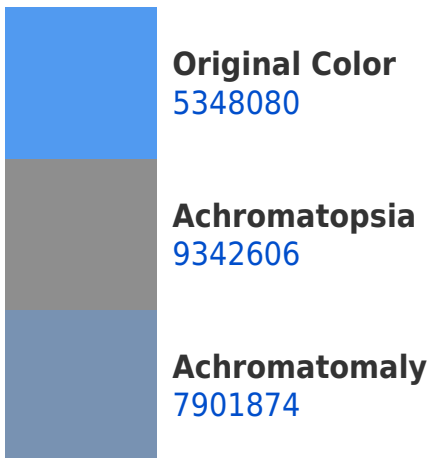


**Tritanopia**  
2860724

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5348080 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 #519AF0 looks like.

```
.text, #text, p{  
    color:#519AF0  
}
```

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 #519AF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #519AF0
}
```

## Border

The CSS property to change the border of an element to Decimal 5348080 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
#519AF0 }
```

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

```
.border{ border-color:#519AF0 }
```

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

Here you see how a box with a 4 pixel #519AF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #519AF0; -webkit-box-shadow:4px 4px  
4px 4px #519AF0; box-shadow:4px 4px 4px  
4px #519AF0 }
```

# Background

The CSS property to change the background color of an element to Decimal 5348080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#519AF0 }
```

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

```
.background{ background-color:#519AF0 }
```

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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