

# Converting Colors

Decimal(5351407)

Have a look what the booklet for  
Decimal(5351407) contains.

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# **Color**

**Decimal(5351407)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51A7EF
RGB	81, 167, 239
RGB Percent	32%, 65%, 94%
CMY	0.6824, 0.3451, 0.0627
CMYK	0.66, 0.30, 0.00, 0.06
HSL	207°, 83%, 63%
HSV	207°, 66%, 94%
XYZ	32.7920, 35.6188, 86.8081
YIQ	149.4940, -74.3680, 4.1600

# Conversions

## Conversions Part 2

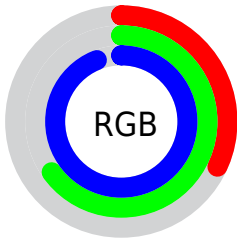
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	81, 137, 239
Decimal	5351407
CIE Lab	66.23, -3.75, -43.68
CIE LCh	66, 43.840, 265.096
Yxy	35.6188, 0.2113, 0.2295
Android (android.graphics.Color)	4283541487 (0xFF51A7EF)
YUV	149.4940, 44.1265, -60.0692
Hunter-Lab	59.6815, -6.3655, -44.4617

# Details

The Decimal color **5351407** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **15702353**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **9494271**, and **29623** is the 20% darker color. If you saturate the color by 10%, you get **3775727**, and if you desaturate by 10%, it is **6927087**.

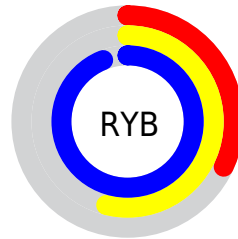
# Distribution



Red (32%)

Green (65%)

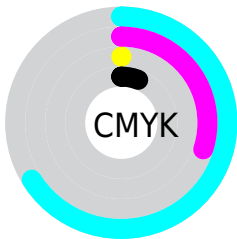
Blue (94%)



Red (32%)

Yellow (54%)

Blue (94%)

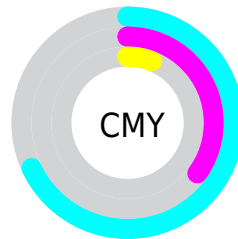


Cyan (66%)

Magenta (30%)

Yellow (0%)

Black (6%)



Cyan (68%)

Magenta (35%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5351407 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 5351407 by changing the saturation by 10% instead.



■ 5351407

■ 5351407

16777215

■ 2788818

■ 9494271

■ 29623

■ 11533055

■ 23451

■ 13500415

■ 17537

■ 15532031

■ 11880

■ 6735

■ 1336

■ 545

■ 7

■ 5351407

■ 5351407

■ 3775727

■ 6927087

■ 2200047

■ 8502767

■ 624367

■ 10078447

■ 33519

■ 11654127

■ 13164015

■ 14739695

■ 16315375

■ 16776943

■ 16777199

# Harmonies

## Analogous

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



45281



5351407



10197480

# Triad

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



5351407



15434626



6926706

# Complementary

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



5351407



15702353

# 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.



10004823



5351407



14454370

# Square

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



5351407



15172009



12557649



2078105

# Rectangle

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



5351407



12488665



12557649



8040296

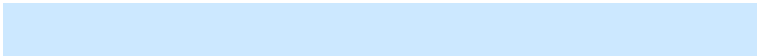


# Sweetspot

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



5351407



13428991



5369752



6386304



0



8421504



# Same Dimension

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



5351407



3580927



5331439



7107192



25784



7992



# Inverse Universe

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



15684007



16725667



15722321



7892082



12058724

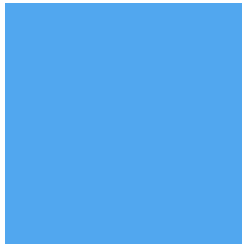


3670047



# Previews

## White Background



This preview shows how the Decimal color 5351407 looks on a white background.

## Color Contrast Check

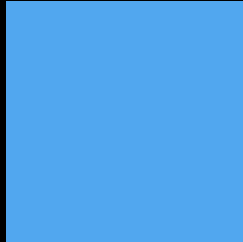
Large Text (above 18pt) WCAG AA × Fail

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 5351407 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 5351407 Background



This preview shows how black text looks on a background with the Decimal color 5351407.



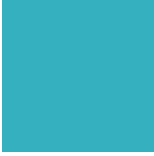
This preview shows how white text looks on a background with the Decimal color 5351407.

# 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](#).

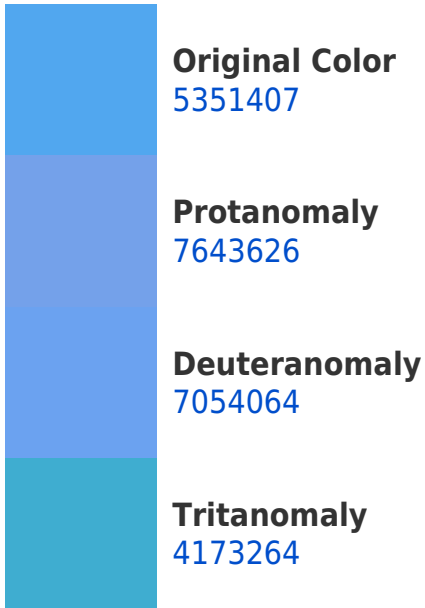
## Dichromacy



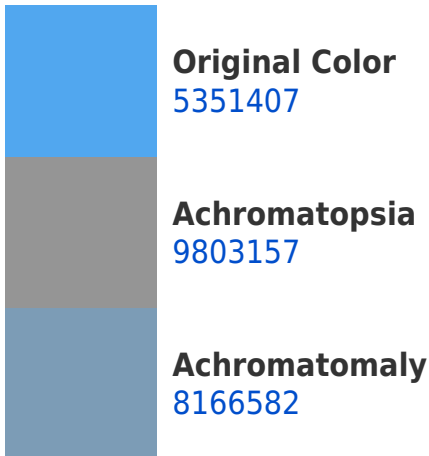


**Tritanopia**  
3453119

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5351407 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 #51A7EF looks like.

```
.text, #text, p{  
    color:#51A7EF  
}
```

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 #51A7EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A7EF
}
```

## Border

The CSS property to change the border of an element to Decimal 5351407 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
#51A7EF }
```

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

```
.border{ border-color:#51A7EF }
```

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

Here you see how a box with a 4 pixel #51A7EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A7EF; -webkit-box-shadow:4px 4px  
4px 4px #51A7EF; box-shadow:4px 4px 4px  
4px #51A7EF }
```

# Background

The CSS property to change the background color of an element to Decimal 5351407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A7EF }
```

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

```
.background{ background-color:#51A7EF }
```

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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