

# Converting Colors

Decimal(9349370)

Have a look what the booklet for  
Decimal(9349370) contains.

<b>Decimal(9349370)</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(9349370)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EA8FA
RGB	142, 168, 250
RGB Percent	56%, 66%, 98%
CMY	0.4431, 0.3412, 0.0196
CMYK	0.43, 0.33, 0.00, 0.02
HSL	226°, 92%, 77%
HSV	226°, 43%, 98%
XYZ	42.4133, 40.6582, 96.0549
YIQ	169.5740, -41.8180, 19.9900

# Conversions

## Conversions Part 2

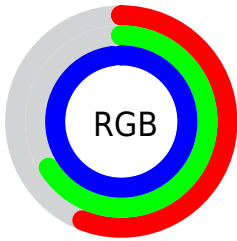
Format	Color
R <sub>Y</sub> B	142, 163, 250
Decimal	9349370
CIE Lab	69.94, 11.67, -43.65
CIE LCh	70, 45.183, 284.969
Yxy	40.6582, 0.2368, 0.2270
Android (android.graphics.Color)	4287539450 (0xFF8EA8FA)
YUV	169.5740, 39.6500, -24.1824
Hunter-Lab	63.7638, 7.1450, -44.6809

# Details

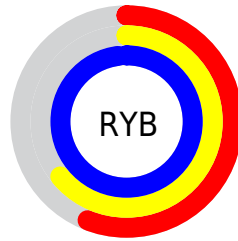
The Decimal color **9349370** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **16441486**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **13099007**, and **5600449** is the 20% darker color. If you saturate the color by 10%, you get **7706106**, and if you desaturate by 10%, it is **10992634**.

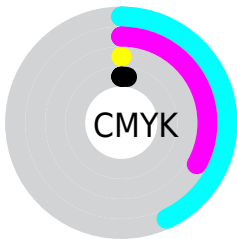
# Distribution



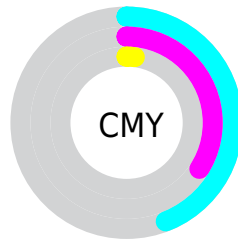
- Red (56%)
- Green (66%)
- Blue (98%)



- Red (56%)
- Yellow (64%)
- Blue (98%)



- Cyan (43%)
- Magenta (33%)
- Yellow (0%)
- Black (2%)



- Cyan (44%)
- Magenta (34%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9349370 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 9349370 by changing the saturation by 10% instead.



 9349370

 9349370

16777215

 7507677

 13099007

 5600449

 15072255

 3693734

 1197451

 12145

 7000

 64

 809

 275

■ 9349370

■ 9349370

■ 7706106

■ 10992634

■ 6062842

■ 12635898

■ 4419578

■ 14279162

■ 2776314

■ 15922426

■ 1133050

■ 16777210

■ 15610

# Harmonies

## Analogous

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



3388922



9349370



13211877

# Triad

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



9349370



15766387



4702100

# Complementary

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



9349370



16441486

# 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.



8567151



9349370



14066011

# Square

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



9349370



16419480



11579225



49343

# Rectangle

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



9349370



14979022



11579225



6143367



# Sweetspot

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



9349370



14608127



9370335



7041152



0



8421504



# Same Dimension

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



9349370



8035071



11112186



7369597



11709



3901



# Inverse Universe

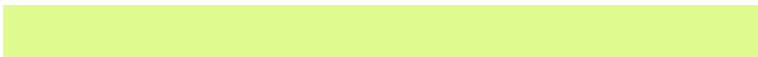
The Inverse Universe completely reimagines the original color for something new.



16420520



16743066



14678670



8220787



12386349



3997711



# Previews

## White Background



This preview shows how the Decimal color 9349370 looks on a white background.

## Color Contrast Check

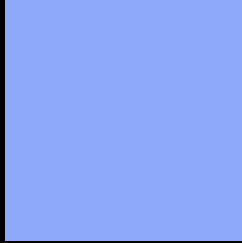
Large Text (above 18pt) WCAG AA × Fail

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 9349370 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

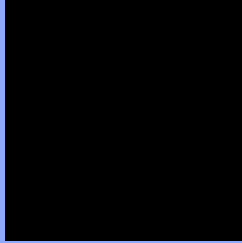
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 9349370 Background



This preview shows how black text looks on a background with the Decimal color 9349370.



This preview shows how white text looks on a background with the Decimal color 9349370.

# 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](#).

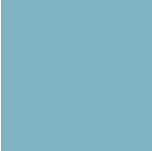
## Dichromacy



**Original Color**  
9349370

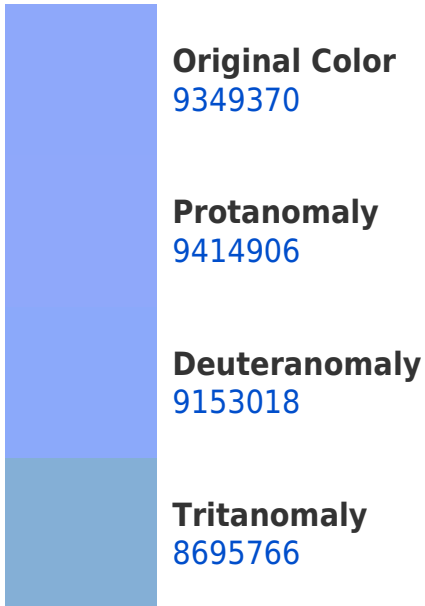
**Protanopia**  
9414906

**Deuteranopia**  
9021946



**Tritanopia**  
8369090

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9349370 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 #8EA8FA looks like.

```
.text, #text, p{  
    color:#8EA8FA  
}
```

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 #8EA8FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA8FA
}
```

## Border

The CSS property to change the border of an element to Decimal 9349370 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
#8EA8FA }
```

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

```
.border{ border-color:#8EA8FA }
```

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

Here you see how a box with a 4 pixel #8EA8FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA8FA; -webkit-box-shadow:4px 4px  
4px 4px #8EA8FA; box-shadow:4px 4px 4px  
4px #8EA8FA }
```

# Background

The CSS property to change the background color of an element to Decimal 9349370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA8FA }
```

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

```
.background{ background-color:#8EA8FA }
```

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