

# Converting Colors

Decimal(9352429)

Have a look what the booklet for  
Decimal(9352429) contains.

<b>Decimal(9352429)</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(9352429)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8EB4ED
RGB	142, 180, 237
RGB Percent	56%, 71%, 93%
CMY	0.4431, 0.2941, 0.0706
CMYK	0.40, 0.24, 0.00, 0.07
HSL	216°, 73%, 74%
HSV	216°, 40%, 93%
XYZ	42.7626, 44.5077, 86.4578
YIQ	175.1360, -40.9450, 9.6710

# Conversions

## Conversions Part 2

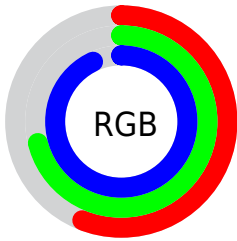
Format	Color
<a href="#">RYB</a>	<a href="#">142, 169, 237</a>
Decimal	<a href="#">9352429</a>
CIELab	<a href="#">72.57, 1.38, -32.50</a>
CIElCh	<a href="#">73, 32.530, 272.426</a>
Yxy	<a href="#">44.5077, 0.2461, 0.2562</a>
Android (android.graphics.Color)	<a href="#">4287542509 (0xFF8EB4ED)</a>
YUV	<a href="#">175.1360, 30.4990, -29.0603</a>
Hunter-Lab	<a href="#">66.7141, -2.3341, -30.1367</a>

# Details

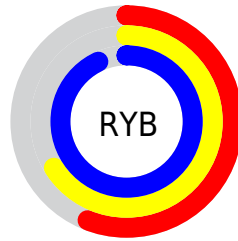
The Decimal color **9352429** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **15583118**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **13036799**, and **5734325** is the 20% darker color. If you saturate the color by 10%, you get **7775981**, and if you desaturate by 10%, it is **10928877**.

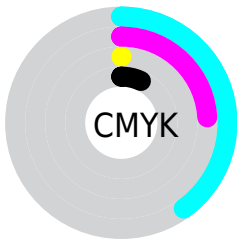
# Distribution



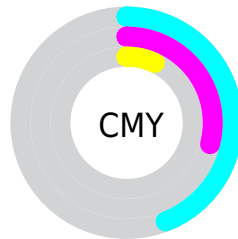
- Red (56%)
- Green (71%)
- Blue (93%)



- Red (56%)
- Yellow (66%)
- Blue (93%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)



- Cyan (44%)
- Magenta (29%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9352429 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 9352429 by changing the saturation by 10% instead.



■ 9352429

■ 9352429

16777215

■ 7510481

■ 13036799

■ 5734325

■ 14942207

■ 3893146

■ 1789824

■ 14438

■ 9038

■ 3383

■ 545

■ 6

■ 9352429

■ 9352429

■ 7775981

■ 10928877

■ 6265069

■ 12439789

■ 4688365

■ 14016493

■ 3111917

■ 15592941

■ 1601005

■ 16776173

■ 24557

■ 16777197

# Harmonies

## Analogous

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



6536422



9352429



12167652

# Triad

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



9352429



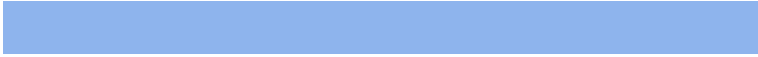
15507092



8568982

# Complementary

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



9352429



15583118

# 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.



10861183



9352429



14526334

# Square

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



9352429



15441073



12890486



6341299

# Rectangle

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



9352429



13738967



12890486



9289357

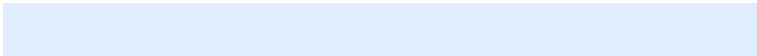


# Sweetspot

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



9352429



14740991



9366983



7239040



0



8421504

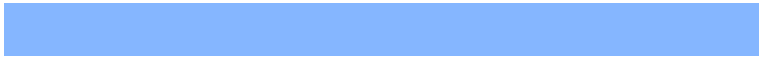


# Same Dimension

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



9352429



8763135



9932525



6975093



18613



5430



# Inverse Universe

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



15568564



16745910



14937486



7694958



11862088



3538965



# Previews

## White Background



This preview shows how the Decimal color 9352429 looks on a white background.

## Color Contrast Check

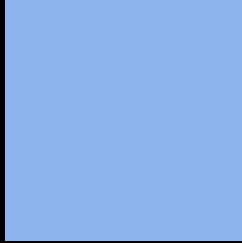
Large Text (above 18pt) WCAG AA × Fail

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 9352429 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

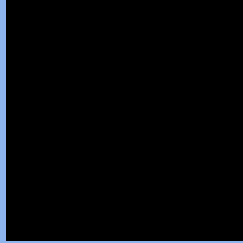
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

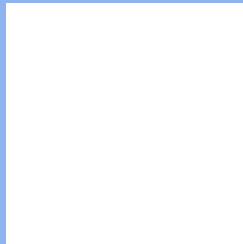
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 9352429 Background



This preview shows how black text looks on a background with the Decimal color 9352429.



This preview shows how white text looks on a background with the Decimal color 9352429.

# 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**  
9352429

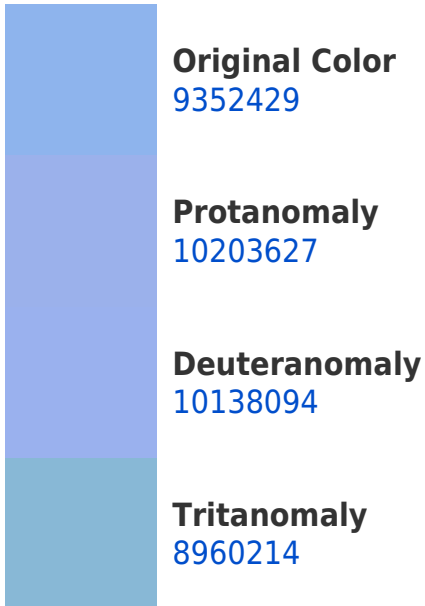
**Protanopia**  
10661866

**Deuteranopia**  
10596334

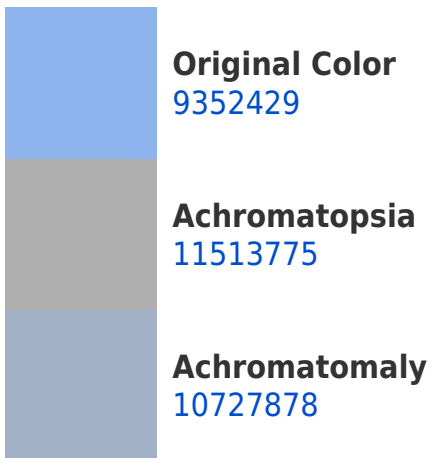


**Tritanopia**  
8764105

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9352429 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 #8EB4ED looks like.

```
.text, #text, p{  
    color:#8EB4ED  
}
```

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 #8EB4ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EB4ED
}
```

## Border

The CSS property to change the border of an element to Decimal 9352429 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
#8EB4ED }
```

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

```
.border{ border-color:#8EB4ED }
```

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

Here you see how a box with a 4 pixel #8EB4ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EB4ED; -webkit-box-shadow:4px 4px  
4px 4px #8EB4ED; box-shadow:4px 4px 4px  
4px #8EB4ED }
```

# Background

The CSS property to change the background color of an element to Decimal 9352429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EB4ED }
```

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

```
.background{ background-color:#8EB4ED }
```

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