

# Converting Colors

Decimal(8756467)

Have a look what the booklet for  
Decimal(8756467) contains.

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# **Color**

**Decimal(8756467)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	859CF3
RGB	133, 156, 243
RGB Percent	52%, 61%, 95%
CMY	0.4784, 0.3882, 0.0471
CMYK	0.45, 0.36, 0.00, 0.05
HSL	227°, 82%, 74%
HSV	227°, 45%, 95%
XYZ	37.7390, 35.2345, 89.6059
YIQ	159.0410, -41.6350, 22.1810

# Conversions

## Conversions Part 2

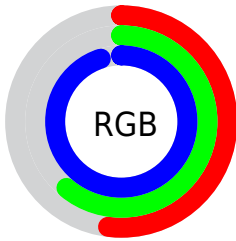
Format	Color
<a href="#">RYB</a>	<a href="#">133, 152, 243</a>
Decimal	<a href="#">8756467</a>
CIELab	<a href="#">65.93, 14.35, -46.16</a>
CIELCh	<a href="#">66, 48.341, 287.265</a>
Yxy	<a href="#">35.2345, 0.2321, 0.2167</a>
Android (android.graphics.Color)	<a href="#">4286946547 (0xFF859CF3)</a>
YUV	<a href="#">159.0410, 41.3918, -22.8380</a>
Hunter-Lab	<a href="#">59.3587, 9.6088, -47.9511</a>

# Details

The Decimal color **8756467** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **15981701**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **12505855**, and **5007802** is the 20% darker color. If you saturate the color by 10%, you get **7178739**, and if you desaturate by 10%, it is **10334195**.

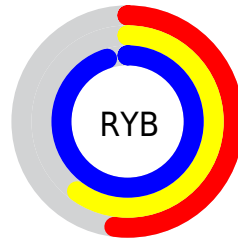
# Distribution



Red (52%)

Green (61%)

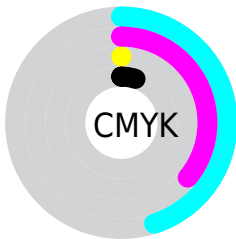
Blue (95%)



Red (52%)

Yellow (60%)

Blue (95%)

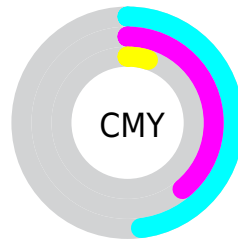


Cyan (45%)

Magenta (36%)

Yellow (0%)

Black (5%)



Cyan (48%)

Magenta (39%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8756467 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 8756467 by changing the saturation by 10% instead.



■ 8756467

■ 8756467

16777215

■ 6914774

■ 12505855

■ 5007802

■ 14479359

■ 2904479

■ 16383999

■ 15236

■ 9835

■ 4690

■ 1594

■ 548

■ 11

■ 8756467

■ 8756467

■ 7178739

■ 10334195

■ 5535475

■ 11977459

■ 3957491

■ 13555443

■ 2379763

■ 15133171

■ 802035

■ 16710899

■ 13299

■ 16777203

# Harmonies

## Analogous

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



43764



8756467



12815323

# Triad

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



8756467



15107938



2012556

# Complementary

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



8756467



15981701

# 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.



7385187



8756467



13277002

# Square

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



8756467



15891849



10593866



46777

# Rectangle

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



8756467



14582211



10593866



4502653



# Sweetspot

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



8756467



14410751



8778715



6975104



0



8421504



# Same Dimension

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



8756467



7705343



10782195



7238010



10170



3131



# Inverse Universe

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



15959452



16741778



13955973



8023665



12189735



3866636



# Previews

## White Background



This preview shows how the Decimal color 8756467 looks on a white background.

## Color Contrast Check

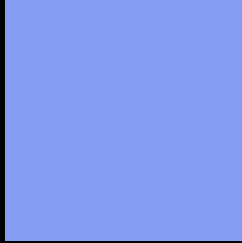
Large Text (above 18pt) WCAG AA × Fail

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 8756467 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

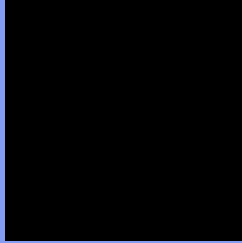
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8756467 Background



This preview shows how black text looks on a background with the Decimal color 8756467.



This preview shows how white text looks on a background with the Decimal color 8756467.

# 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



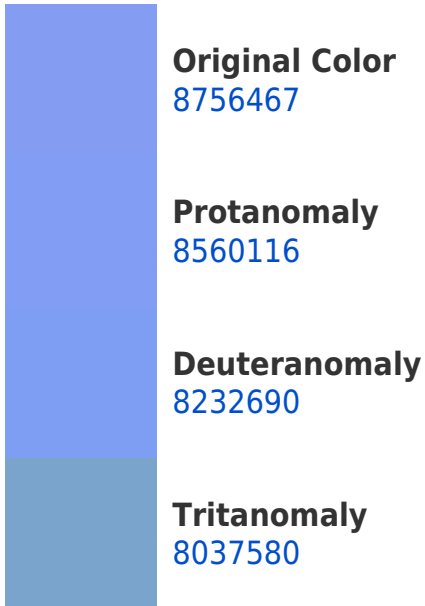
**Original Color**  
8756467

**Protanopia**  
8494580

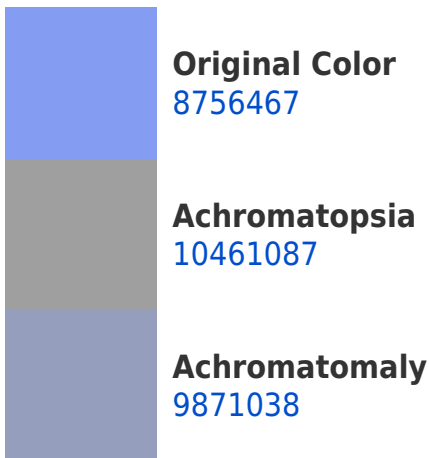
**Deuteranopia**  
7905266



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8756467 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 #859CF3 looks like.

```
.text, #text, p{  
    color:#859CF3  
}
```

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 #859CF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859CF3
}
```

## Border

The CSS property to change the border of an element to Decimal 8756467 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
#859CF3 }
```

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

```
.border{ border-color:#859CF3 }
```

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

Here you see how a box with a 4 pixel #859CF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859CF3; -webkit-box-shadow:4px 4px  
4px 4px #859CF3; box-shadow:4px 4px 4px  
4px #859CF3 }
```

# Background

The CSS property to change the background color of an element to Decimal 8756467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859CF3 }
```

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

```
.background{ background-color:#859CF3 }
```

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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