

Converting Colors

Decimal(8362751)

Have a look what the booklet for
Decimal(8362751) contains.

Decimal(8362751)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8362751)

Conversions

Conversions Part 1

Format	Color
Hex	7F9AFF
RGB	127, 154, 255
RGB Percent	50%, 60%, 100%
CMY	0.5020, 0.3961, 0.0000
CMYK	0.50, 0.40, 0.00, 0.00
HSL	227°, 100%, 75%
HSV	227°, 50%, 100%
XYZ	38.3580, 34.8432, 99.3115
YIQ	157.4410, -48.5130, 25.6870

Conversions

Conversions Part 2

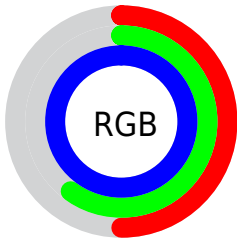
Format	Color
RYB	127, 149, 255
Decimal	8362751
CIELab	65.63, 17.66, -53.22
CIELCh	66, 56.076, 288.354
Yxy	34.8432, 0.2223, 0.2020
Android (android.graphics.Color)	4286552831 (0xFF7F9AFF)
YUV	157.4410, 48.0966, -26.6968
Hunter-Lab	59.0282, 12.6946, -58.4323

Details

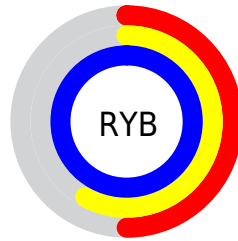
The Decimal color **8362751** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **16770175**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **12243199**, and **4351942** is the 20% darker color. If you saturate the color by 10%, you get **6719231**, and if you desaturate by 10%, it is **10071807**.

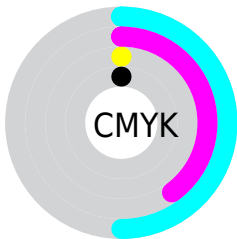
Distribution



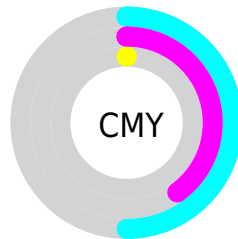
- Red (50%)
- Green (60%)
- Blue (100%)



- Red (50%)
- Yellow (58%)
- Blue (100%)



- Cyan (50%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8362751 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 8362751 by changing the saturation by 10% instead.

 8362751

 8362751

16777215

 6389986

 12243199

 4351942

 14150911

 1724586

 16121855

 14735

 9589

 4700

 1859

 812

 278

■ 8362751

■ 8362751

■ 6719231

■ 10071807

■ 5010175

■ 11715327

■ 3366655

■ 13424383

■ 1657599

■ 15067903

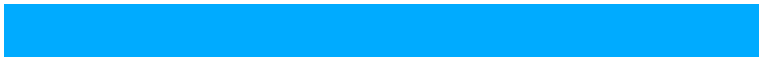
■ 14079

16777215

Harmonies

Analogous

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



44031



8362751



13207011

Triad

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



8362751



15565398



46985

Complementary

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



8362751



16770175

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.



6467929



8362751



13407800

Square

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



8362751



16544899



10331705



47293

Rectangle

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



8362751



15235526



10331705



1750648

Sweetspot

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



8362751



14279167



8388579



6909312



0



8421504

Same Dimension

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



8362751



6719231



10715135



7566720



10431



3392

Inverse Universe

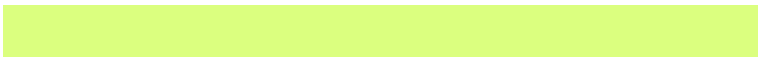
The Inverse Universe completely reimagines the original color for something new.



16744346



16737926



14417791



8418165



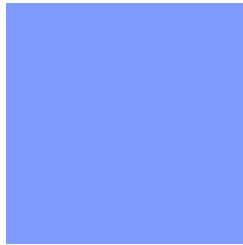
12517416



4194317

Previews

White Background



This preview shows how the Decimal color 8362751 looks on a white background.

Color Contrast Check

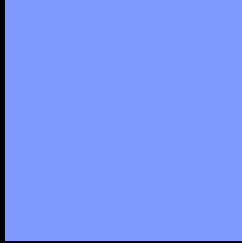
Large Text (above 18pt) WCAG AA × Fail

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 8362751 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 8362751 Background



This preview shows how black text looks on a background with the Decimal color 8362751.



This preview shows how white text looks on a background with the Decimal color 8362751.

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
8362751

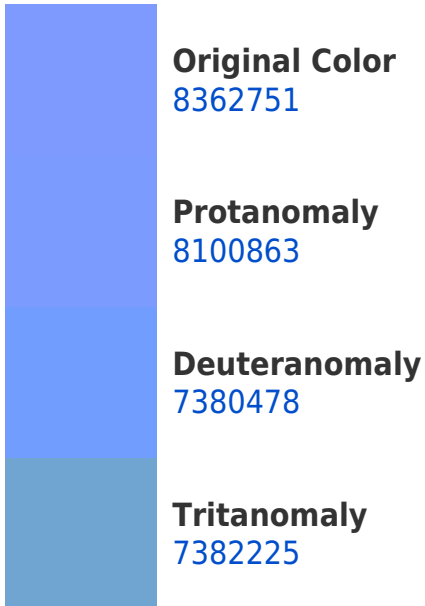
Protanopia
7904511

Deuteranopia
6856702



Tritanopia
6859191

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8362751 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 #7F9AFF looks like.

```
.text, #text, p{  
  color:#7F9AFF  
}
```

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 #7F9AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9AFF
}
```

Border

The CSS property to change the border of an element to Decimal 8362751 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
#7F9AFF }
```

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

```
.border{ border-color:#7F9AFF }
```

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

Here you see how a box with a 4 pixel #7F9AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9AFF; -webkit-box-shadow:4px 4px  
4px 4px #7F9AFF; box-shadow:4px 4px 4px  
4px #7F9AFF }
```

Background

The CSS property to change the background color of an element to Decimal 8362751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9AFF }
```

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

```
.background{ background-color:#7F9AFF }
```

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