

Converting Colors

Decimal(8732159)

Have a look what the booklet for
Decimal(8732159) contains.

Decimal(8732159)	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(8732159)

Conversions

Conversions Part 1

Format	Color
Hex	853DFF
RGB	133, 61, 255
RGB Percent	52%, 24%, 100%
CMY	0.4784, 0.7608, 0.0000
CMYK	0.48, 0.76, 0.00, 0.00
HSL	262°, 100%, 62%
HSV	262°, 76%, 100%
XYZ	29.3916, 15.5440, 96.0589
YIQ	104.6440, -19.3620, 75.5980

Conversions

Conversions Part 2

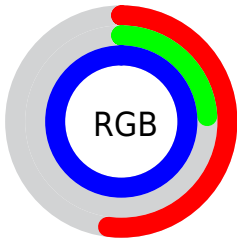
Format	Color
R_{YB}	133, 61, 255
Decimal	8732159
CIE _{Lab}	46.37, 69.28, -84.28
CIE _{LCh}	46, 109.100, 309.419
Yxy	15.5440, 0.2085, 0.1102
Android (android.graphics.Color)	4286922239 (0xFF853DFF)
YUV	104.6440, 74.1255, 24.8682
Hunter-Lab	39.4259, 64.0745, -116.8584

Details

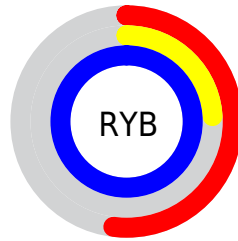
The Decimal color **8732159** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **12058429**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **12809471**, and **4325573** is the 20% darker color. If you saturate the color by 10%, you get **7676927**, and if you desaturate by 10%, it is **9787391**.

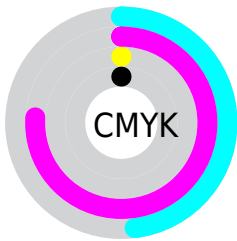
Distribution



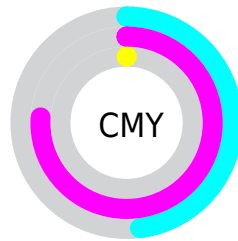
- Red (52%)
- Green (24%)
- Blue (100%)



- Red (52%)
- Yellow (24%)
- Blue (100%)



- Cyan (48%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (76%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8732159 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 8732159 by changing the saturation by 10% instead.

 8732159

 8732159


16777215

 6627298

 12809471

 4325573

 14847999

 917673

 16755711

 141

 16763135

 115

 16770559

 1369

 1856

 809

 275

■ 8732159

■ 8732159

■ 7676927

■ 9787391

■ 6621951

■ 10842367

■ 6226175

■ 11897599

■ 12952575

■ 14007807

■ 15062783

■ 16118015

16777215

Harmonies

Analogous

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



29951



8732159



15204528

Triad

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



8732159



12013312



36490

Complementary

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



8732159



12058429

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.



35620



8732159



7107584

Square

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



8732159



15466496



34048



36835

Rectangle

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



8732159



16711796



34048



36202

Sweetspot

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



8732159



14337279



4045055



6904960



0



8421504

Same Dimension

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



8732159



7149567



15023615



7828352



4653247



1572928

Inverse Universe

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



16727479



16717737



5766973



8418171



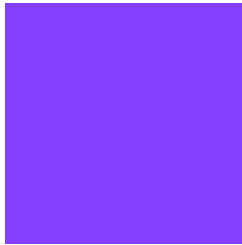
12517496



4194344

Previews

White Background



This preview shows how the Decimal color 8732159 looks on a white background.

Color Contrast Check

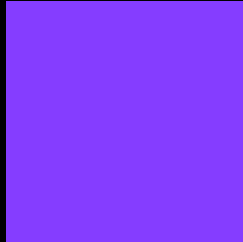
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 8732159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

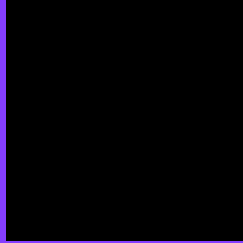
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 8732159 Background



This preview shows how black text looks on a background with the Decimal color 8732159.

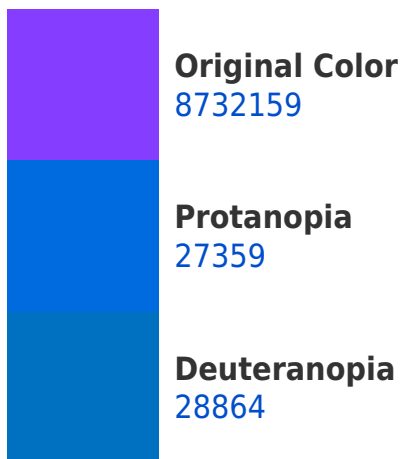


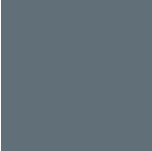
This preview shows how white text looks on a background with the Decimal color 8732159.

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
6385784

Trichromacy



Original Color
8732159



Protanomaly
3169003



Deuteranomaly
3169751



Tritanomaly
7232937

Monochromacy



Original Color
8732159



Achromatopsia
6908265



Achromatomaly
7559584

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8732159 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 #853DFF looks like.

```
.text, #text, p{  
    color:#853DFF  
}
```

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 #853DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #853DFF
}
```

Border

The CSS property to change the border of an element to Decimal 8732159 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
#853DFF }
```

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

```
.border{ border-color:#853DFF }
```

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

Here you see how a box with a 4 pixel #853DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #853DFF; -webkit-box-shadow:4px 4px  
4px 4px #853DFF; box-shadow:4px 4px 4px  
4px #853DFF }
```

Background

The CSS property to change the background color of an element to Decimal 8732159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#853DFF }
```

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

```
.background{ background-color:#853DFF }
```

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