

# Converting Colors

Decimal(8683775)

Have a look what the booklet for  
Decimal(8683775) contains.

<b>Decimal(8683775)</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(8683775)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8480FF
RGB	132, 128, 255
RGB Percent	52%, 50%, 100%
CMY	0.4824, 0.4980, 0.0000
CMYK	0.48, 0.50, 0.00, 0.00
HSL	242°, 100%, 75%
HSV	242°, 50%, 100%
XYZ	35.2849, 27.5639, 98.0684
YIQ	143.6740, -38.3830, 40.3450

# Conversions

## Conversions Part 2

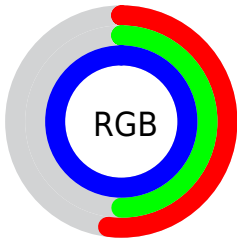
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 128, 255</a>
Decimal	<a href="#">8683775</a>
CIELab	<a href="#">59.49, 33.95, -62.99</a>
CIElCh	<a href="#">59, 71.555, 298.327</a>
Yxy	<a href="#">27.5639, 0.2193, 0.1713</a>
Android (android.graphics.Color)	<a href="#">4286873855 (0xFF8480FF)</a>
YUV	<a href="#">143.6740, 54.8837, -10.2381</a>
Hunter-Lab	<a href="#">52.5013, 28.0883, -73.9982</a>

# Details

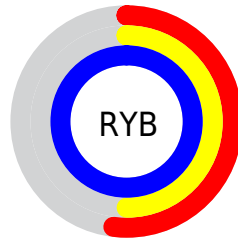
The Decimal color **8683775** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **16514944**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **12563967**, and **4673477** is the 20% darker color. If you saturate the color by 10%, you get **7038975**, and if you desaturate by 10%, it is **10328831**.

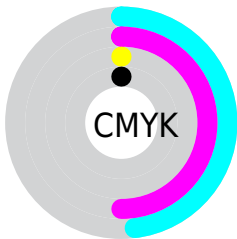
# Distribution



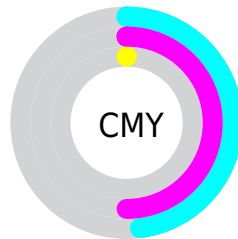
- Red (52%)
- Green (50%)
- Blue (100%)



- Red (52%)
- Yellow (50%)
- Blue (100%)



- Cyan (48%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (50%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8683775 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 8683775 by changing the saturation by 10% instead.



 8683775

 8683775

16777215

 6711266

 12563967

 4673477

 14536959

 2177194

 16510463

 9102

 3956

 91

 1858

 811

 277

■ 8683775

■ 8683775

■ 7038975

■ 10328831

■ 5459455

■ 11908095

■ 3814399

■ 13553151

■ 2169599

■ 15197951

■ 590079

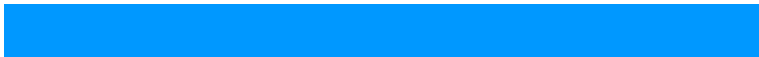
16777215

■ 524543

# Harmonies

## Analogous

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



39167



8683775



14115282

# Triad

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



8683775



14577948



43914

# Complementary

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



8683775



16514944

# 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.



42825



8683775



11504384

# Square

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



8683775



16405848



7445760



43977

# Rectangle

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



8683775



15945643



7445760



43636



# Sweetspot

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



8683775



14342655



8453631



6908288



0



8421504



# Same Dimension

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



8683775



7038719



12747007



7566208



393407



131136



# Inverse Universe

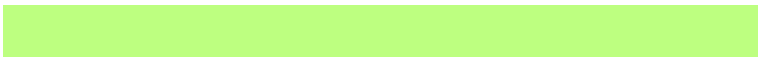
The Inverse Universe completely reimagines the original color for something new.



16744699



16738042



12451712



8418175



12517561

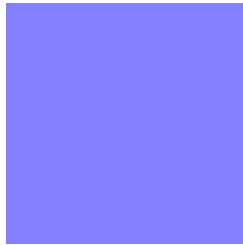


4194366



# Previews

## White Background



This preview shows how the Decimal color 8683775 looks on a white background.

## Color Contrast Check

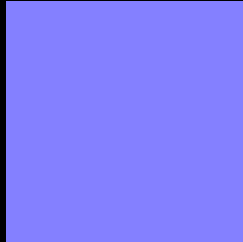
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 8683775 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 × Fail

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



## Decimal 8683775 Background



This preview shows how black text looks on a background with the Decimal color 8683775.




This preview shows how white text looks on a background with the Decimal color 8683775.

# 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](#).

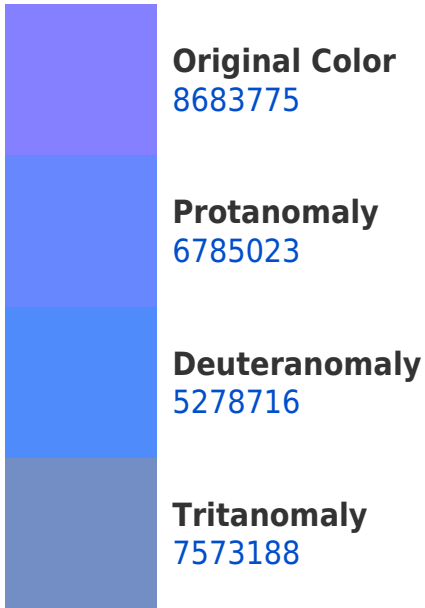
## Dichromacy





**Tritanopia**  
6919842

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8683775 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 #8480FF looks like.

```
.text, #text, p{  
    color:#8480FF  
}
```

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 #8480FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8480FF
}
```

## Border

The CSS property to change the border of an element to Decimal 8683775 is called "border". The border property can be set on classes, ids or directly on the HTML element.

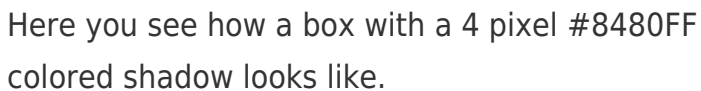
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8480FF }
```

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

```
.border{ border-color:#8480FF }
```

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



Here you see how a box with a 4 pixel #8480FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8480FF; -webkit-box-shadow:4px 4px  
4px 4px #8480FF; box-shadow:4px 4px 4px  
4px #8480FF }
```

# Background

The CSS property to change the background color of an element to Decimal 8683775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8480FF }
```

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

```
.background{ background-color:#8480FF }
```

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