

# Converting Colors

Decimal(428799)

Have a look what the booklet for  
Decimal(428799) contains.

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# Color

**Decimal(428799)**

# Conversions

## Conversions Part 1

Format	Color
Hex	068AFF
RGB	6, 138, 255
RGB Percent	2%, 54%, 100%
CMY	0.9765, 0.4588, 0.0000
CMYK	0.98, 0.46, 0.00, 0.00
HSL	208°, 100%, 51%
HSV	208°, 98%, 100%
XYZ	27.2136, 25.4357, 98.0830
YIQ	111.8700, -116.2290, 8.4030

# Conversions

## Conversions Part 2

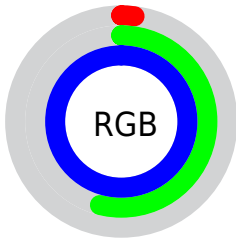
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	6, 92, 255
Decimal	428799
CIE <sub>Lab</sub>	57.50, 12.75, -66.44
CIE <sub>LCh</sub>	57, 67.648, 280.863
Y <sub>xy</sub>	25.4357, 0.1805, 0.1687
Android (android.graphics.Color)	4278618879 (0xFF068AFF)
Y <sub>UV</sub>	111.8700, 70.5631, -92.8480
Hunter-Lab	50.4338, 8.0577, -80.0028

# Details

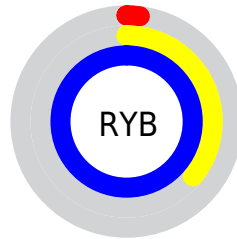
The Decimal color **428799** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **16743174**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **7454719**, and **22981** is the 20% darker color. If you saturate the color by 10%, you get **34815**, and if you desaturate by 10%, it is **2135807**.

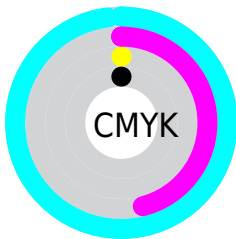
# Distribution



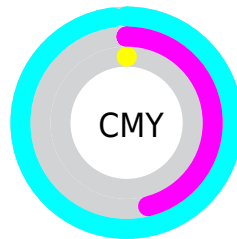
- Red (2%)
- Green (54%)
- Blue (100%)



- Red (2%)
- Yellow (36%)
- Blue (100%)



- Cyan (98%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)




















- Cyan (98%)
- Magenta (46%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 428799 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 428799 by changing the saturation by 10% instead.



 428799	 428799
 16777215	 29154
 7454719	 22981
 9689855	 17322
 11859967	 11918
 13959167	 7284
 15990783	 3163
	 1858
	 811
	 277

■ 428799

■ 428799

■ 34815

■ 2135807

■ 3777279

■ 5484287

■ 7125759

■ 8832767

■ 10474239

■ 12181247

■ 13822719

■ 15529727

# Harmonies

## Analogous

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



39930



428799



10973412

# Triad

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



428799



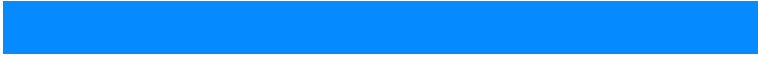
15163199



41825

# Complementary

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



428799



16743174

# 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.



5217317



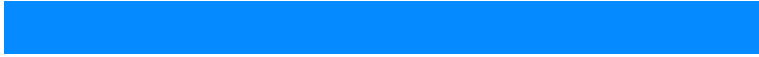
428799



12876033

# Square

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



428799



15944567



9604608



42399

# Rectangle

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



428799



13786565



9604608



41293



# Sweetspot

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



428799



11918591



458618



5467008



0



8421504



# Same Dimension

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



428799



34815



397055



7568000



26047



8768



# Inverse Universe

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



16713354



16711815



16774918



8418170



12517477



4194338



# Previews

## White Background



This preview shows how the Decimal color 428799 looks on a white background.

## Color Contrast Check

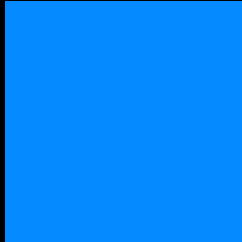
Large Text (above 18pt) WCAG AA ✓ Pass

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 428799 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

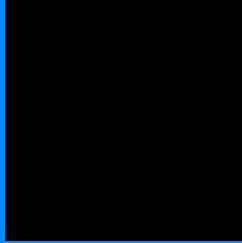
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

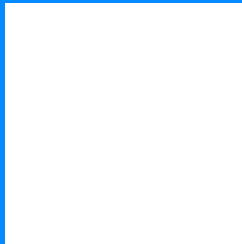
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 428799 Background



This preview shows how black text looks on a background with the Decimal color 428799.

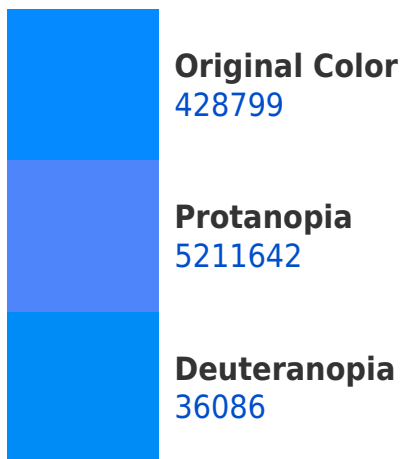


This preview shows how white text looks on a background with the Decimal color 428799.

# 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](#).

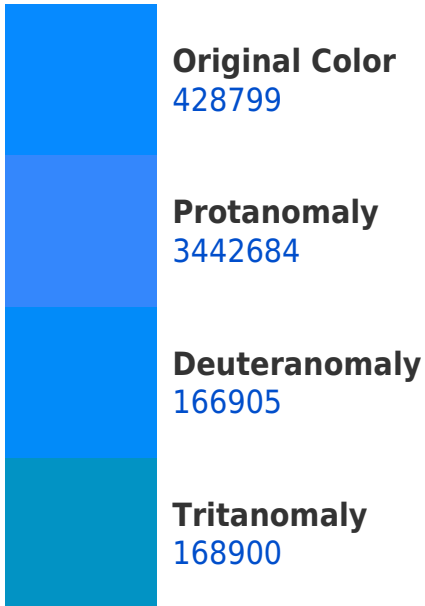
## Dichromacy



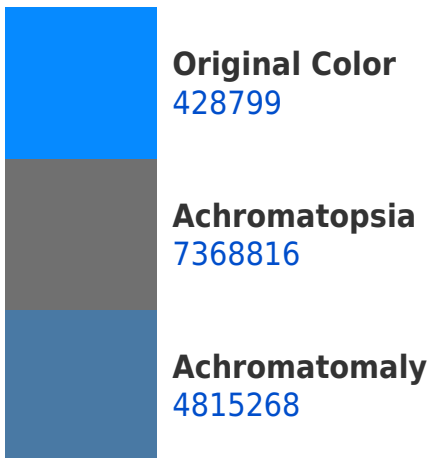


**Tritanopia**  
39075

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 428799 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 #068AFF looks like.

```
.text, #text, p{  
    color:#068AFF  
}
```

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 #068AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #068AFF
}
```

## Border

The CSS property to change the border of an element to Decimal 428799 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
#068AFF }
```

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

```
.border{ border-color:#068AFF }
```

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

Here you see how a box with a 4 pixel #068AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #068AFF; -webkit-box-shadow:4px 4px  
4px 4px #068AFF; box-shadow:4px 4px 4px  
4px #068AFF }
```

# Background

The CSS property to change the background color of an element to Decimal 428799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#068AFF }
```

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

```
.background{ background-color:#068AFF }
```

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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