

# Converting Colors

Decimal(3381759)

Have a look what the booklet for  
Decimal(3381759) contains.

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# **Color**

**Decimal(3381759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3399FF
RGB	51, 153, 255
RGB Percent	20%, 60%, 100%
CMY	0.8000, 0.4000, 0.0000
CMYK	0.80, 0.40, 0.00, 0.00
HSL	210°, 100%, 60%
HSV	210°, 80%, 100%
XYZ	30.8065, 30.7063, 98.9110
YIQ	134.1300, -93.5340, 10.0980

# Conversions

## Conversions Part 2

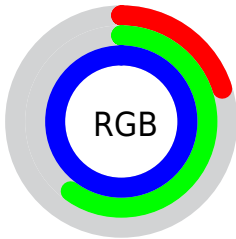
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	51, 119, 255
Decimal	3381759
CIE Lab	62.26, 6.13, -58.77
CIE LCh	62, 59.088, 275.958
Yxy	30.7063, 0.1920, 0.1914
Android (android.graphics.Color)	4281571839 (0xFF3399FF)
YUV	134.1300, 59.5889, -72.9050
Hunter-Lab	55.4132, 2.2622, -67.0416

# Details

The Decimal color **3381759** is a light color, and the websafe version is hex **3399FF**, and the color name is **brilliant azure**. The color can be described as light washed azure. A complement of this color would be **16750899**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **8376319**, and **26566** is the 20% darker color. If you saturate the color by 10%, you get **1674495**, and if you desaturate by 10%, it is **5089023**.

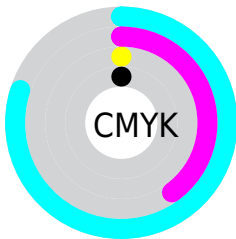
# Distribution



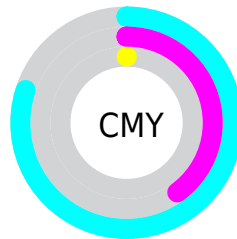
- Red (20%)
- Green (60%)
- Blue (100%)



- Red (20%)
- Yellow (47%)
- Blue (100%)



- Cyan (80%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)


















- Cyan (80%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3381759 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 3381759 by changing the saturation by 10% instead.



 3381759	 3381759
16777215	 32738
 8376319	 26566
 10546175	 20394
 12648447	 14735
 14680063	 9589
16711679	 4187
	 1859
	 812
	 278

■ 3381759

■ 3381759

■ 1674495

■ 5089023

■ 33023

■ 6730751

■ 8437759

■ 10079487

■ 11786751

■ 13428479

■ 15135487

16777215

# Harmonies

## Analogous

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



42998



3381759



10913004

# Triad

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



3381759



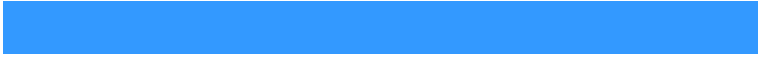
15757404



44394

# Complementary

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



3381759



16750899

# 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.



7447867



3381759



13927475

# Square

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



3381759



16082318



11048738



45216

# Rectangle

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



3381759



13596114



11048738



4041561

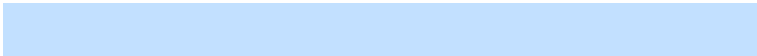


# Sweetspot

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



3381759



12771583



3407769



5991808



0



8421504



# Same Dimension

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



3381759



689663



3355647



7567744



24767



8256



# Inverse Universe

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



16724889



16714373



16777011



8418169



12517472



4194336



# Previews

## White Background



This preview shows how the Decimal color 3381759 looks on a white background.

## Color Contrast Check

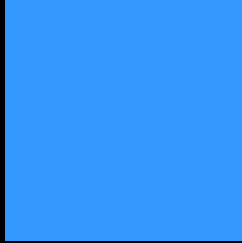
Large Text (above 18pt) WCAG AA × Fail

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 3381759 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

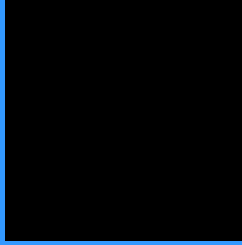
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

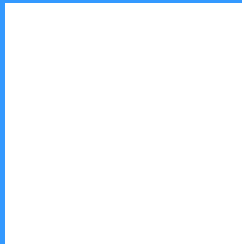
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3381759 Background



This preview shows how black text looks on a background with the Decimal color 3381759.



This preview shows how white text looks on a background with the Decimal color 3381759.

# 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



# Trichromacy



**Original Color**  
3381759

**Protanomaly**  
5740027

**Deuteranomaly**  
4233471

# Monochromacy



**Original Color**  
3381759

**Achromatopsia**  
8816262

**Achromatomaly**  
6852018

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3381759 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 #3399FF looks like.

```
.text, #text, p{  
    color:#3399FF  
}
```

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 #3399FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3399FF
}
```

## Border

The CSS property to change the border of an element to Decimal 3381759 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
#3399FF }
```

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

```
.border{ border-color:#3399FF }
```

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

Here you see how a box with a 4 pixel #3399FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3399FF; -webkit-box-shadow:4px 4px  
4px 4px #3399FF; box-shadow:4px 4px 4px  
4px #3399FF }
```

# Background

The CSS property to change the background color of an element to Decimal 3381759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3399FF }
```

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

```
.background{ background-color:#3399FF }
```

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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