

# Converting Colors

Decimal(425959)

Have a look what the booklet for  
Decimal(425959) contains.

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# Color

**Decimal(425959)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	067FE7
RGB	6, 127, 231
RGB Percent	2%, 50%, 91%
CMY	0.9765, 0.5020, 0.0941
CMYK	0.97, 0.45, 0.00, 0.09
HSL	208°, 95%, 46%
HSV	208°, 97%, 91%
XYZ	22.0883, 20.9870, 78.4880
YIQ	102.6770, -105.5000, 6.6920

# Conversions

## Conversions Part 2

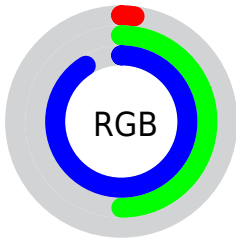
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	6, 85, 231
Decimal	425959
CIE Lab	52.94, 10.27, -60.47
CIE LCh	53, 61.339, 279.639
Yxy	20.9870, 0.1817, 0.1726
Android (android.graphics.Color)	4278616039 (0xFF067FE7)
YUV	102.6770, 63.2632, -84.7857
Hunter-Lab	45.8116, 5.8945, -69.5123

# Details

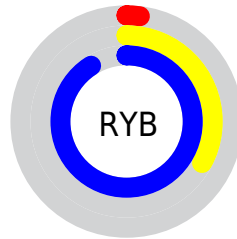
The Decimal color **425959** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **15166982**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **7058431**, and **20399** is the 20% darker color. If you saturate the color by 10%, you get **31975**, and if you desaturate by 10%, it is **1936103**.

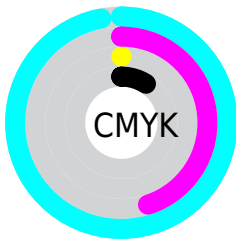
# Distribution



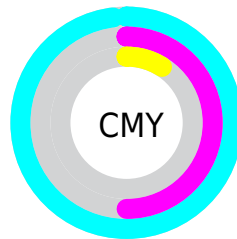
- Red (2%)
- Green (50%)
- Blue (91%)



- Red (2%)
- Yellow (33%)
- Blue (91%)



- Cyan (97%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)



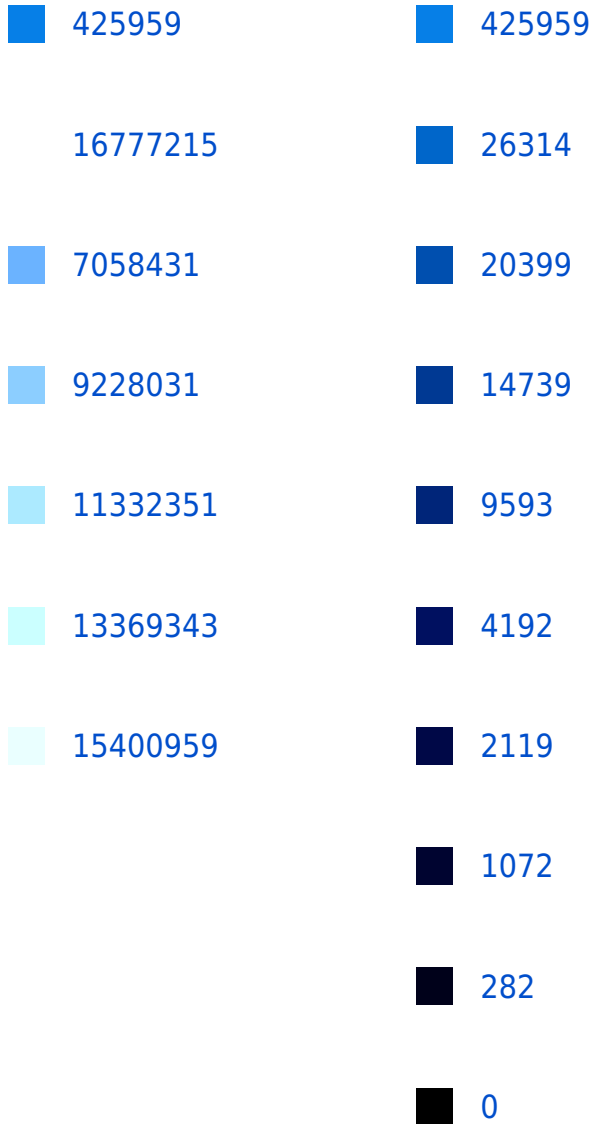
- Cyan (98%)
- Magenta (50%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 425959 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 425959 by changing the saturation by 10% instead.





■ 425959

■ 425959

■ 31975

■ 1936103

■ 3445991

■ 4956135

■ 6466279

■ 8041703

■ 9551847

■ 11061991

■ 12571879

■ 14082023

# Harmonies

## Analogous

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



36577



425959



9857232

# Triad

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



425959



13850429



37975

# Complementary

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



425959



15166982

# 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.



5148196



425959



11824653

# Square

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



425959



14436464



8945920



38798

# Rectangle

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



425959



12409013



8945920



37702

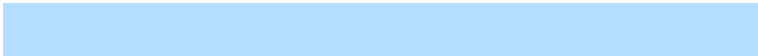


# Sweetspot

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



425959



11918847



452459



5467008



0



8421504

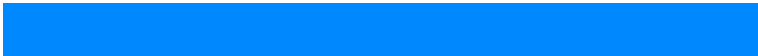


# Same Dimension

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



425959



35327



397799



6778227



24755



6963



# Inverse Universe

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



15140479



16711817



15195142



7563117



11731040



3342363



# Previews

## White Background



This preview shows how the Decimal color 425959 looks on a white background.

### Color Contrast Check

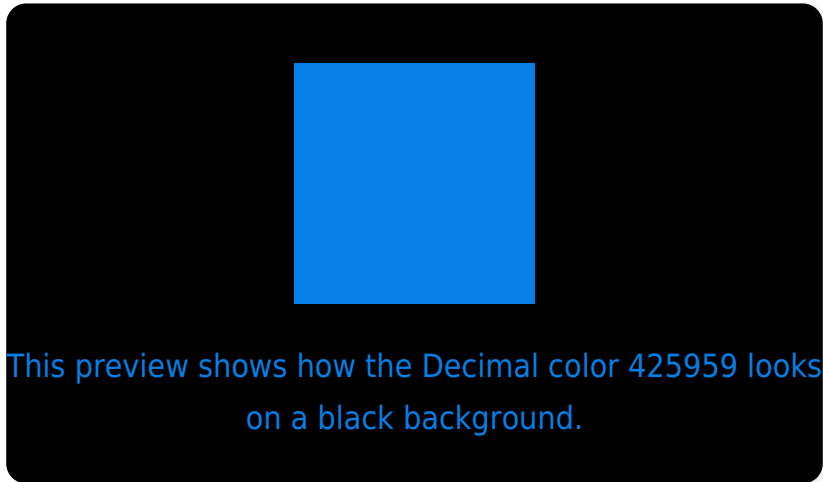
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

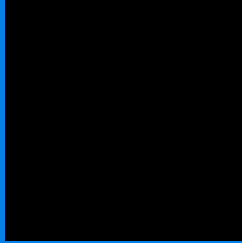
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

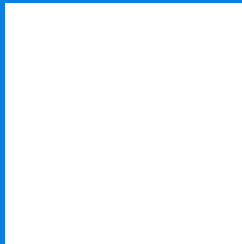
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 425959 Background



This preview shows how black text looks on a background with the Decimal color 425959.



This preview shows how white text looks on a background with the Decimal color 425959.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 425959 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 #067FE7 looks like.

```
.text, #text, p{  
    color:#067FE7  
}
```

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 #067FE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #067FE7
}
```

## Border

The CSS property to change the border of an element to Decimal 425959 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
#067FE7 }
```

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

```
.border{ border-color:#067FE7 }
```

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

Here you see how a box with a 4 pixel #067FE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #067FE7; -webkit-box-shadow:4px 4px  
4px 4px #067FE7; box-shadow:4px 4px 4px  
4px #067FE7 }
```

# Background

The CSS property to change the background color of an element to Decimal 425959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#067FE7 }
```

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

```
.background{ background-color:#067FE7 }
```

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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