

# Converting Colors

Decimal(3883749)

Have a look what the booklet for  
Decimal(3883749) contains.

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# Color

**Decimal(3883749)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B42E5
RGB	59, 66, 229
RGB Percent	23%, 26%, 90%
CMY	0.7686, 0.7412, 0.1020
CMYK	0.74, 0.71, 0.00, 0.10
HSL	238°, 77%, 56%
HSV	238°, 74%, 90%
XYZ	17.8947, 10.4834, 75.2091
YIQ	82.4890, -56.4950, 49.2090

# Conversions

## Conversions Part 2

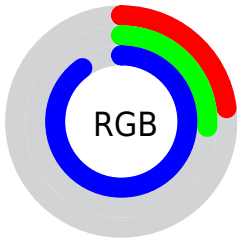
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 66, 229
Decimal	3883749
CIE <sub>Lab</sub>	38.70, 50.81, -82.49
CIE <sub>LCh</sub>	39, 96.883, 301.632
Yxy	10.4834, 0.1728, 0.1012
Android (android.graphics.Color)	4282073829 (0xFF3B42E5)
YUV	82.4890, 72.2299, -20.5999
Hunter-Lab	32.3780, 41.9918, -115.0567

# Details

The Decimal color **3883749** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **15064635**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **8614911**, and **5292** is the 20% darker color. If you saturate the color by 10%, you get **2370789**, and if you desaturate by 10%, it is **5396709**.

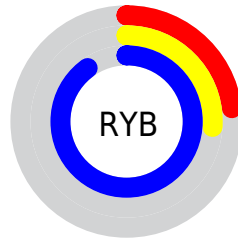
# Distribution



Red (23%)

Green (26%)

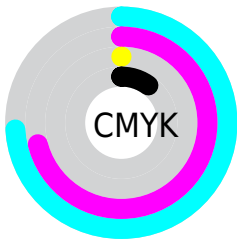
Blue (90%)



Red (23%)

Yellow (26%)

Blue (90%)

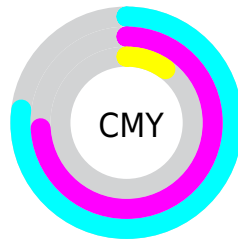


Cyan (74%)

Magenta (71%)

Yellow (0%)

Black (10%)



Cyan (77%)

Magenta (74%)



















Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3883749 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 3883749 by changing the saturation by 10% instead.



 3883749	 3883749
 16777215	 11208
 8614911	 5292
 10718719	 657
 12757247	 118
 14796031	 3164
 16769279	 1859
 16776703	 812
	 279
	 0

■ 3883749

■ 3883749

■ 2370789

■ 5396709

■ 857829

■ 6909669

■ 2533

■ 8422629

■ 9935589

■ 11383013

■ 12895973

■ 14408933

■ 15921893

■ 16777189

# Harmonies

## Analogous

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



26622



3883749



11927720

# Triad

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



3883749



11022848



30302

# Complementary

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



3883749



15064635

# 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.



29440



3883749



7101184

# Square

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



3883749



13631501



27648



30893

# Rectangle

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



3883749



13828213



27648



30018



# Sweetspot

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



3883749



13093375



3925468



6185088



0



8421504



# Same Dimension

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



3883749



1844735



8928229



6776947



1971



563



# Inverse Universe

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



15022914



16718885



10085691



7563112



11730951

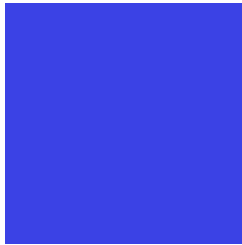


3342338



# Previews

## White Background



This preview shows how the Decimal color 3883749 looks on a white background.

## Color Contrast Check

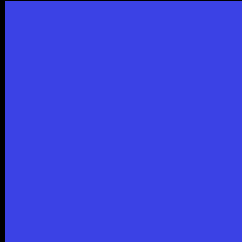
Large Text (above 18pt) WCAG AA ✓ Pass

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 3883749 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

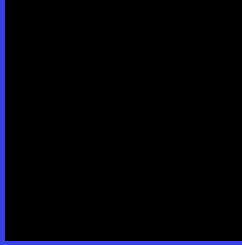
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3883749 Background



This preview shows how black text looks on a background with the Decimal color 3883749.

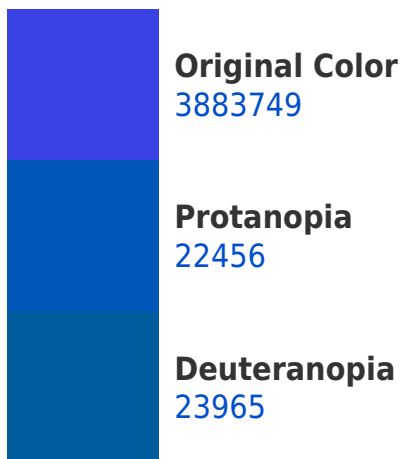


This preview shows how white text looks on a background with the Decimal color 3883749.

# Color Blindness Simulation

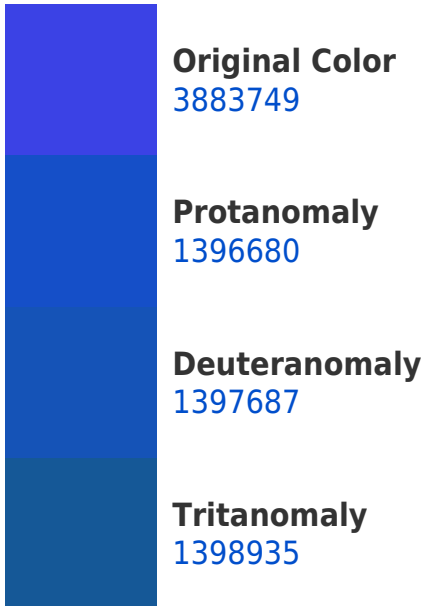
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3883749 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 #3B42E5 looks like.

```
.text, #text, p{  
    color:#3B42E5  
}
```

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 #3B42E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B42E5
}
```

## Border

The CSS property to change the border of an element to Decimal 3883749 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
#3B42E5 }
```

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

```
.border{ border-color:#3B42E5 }
```

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

Here you see how a box with a 4 pixel #3B42E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B42E5; -webkit-box-shadow:4px 4px  
4px 4px #3B42E5; box-shadow:4px 4px 4px  
4px #3B42E5 }
```

# Background

The CSS property to change the background color of an element to Decimal 3883749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B42E5 }
```

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

```
.background{ background-color:#3B42E5 }
```

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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