

Converting Colors

Decimal(871367)

Have a look what the booklet for
Decimal(871367) contains.

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Color

Decimal(871367)

Conversions

Conversions Part 1

Format	Color
Hex	0D4BC7
RGB	13, 75, 199
RGB Percent	5%, 29%, 78%
CMY	0.9490, 0.7059, 0.2196
CMYK	0.93, 0.62, 0.00, 0.22
HSL	220°, 88%, 42%
HSV	220°, 93%, 78%
XYZ	12.9909, 9.2412, 55.1319
YIQ	70.5980, -76.7560, 25.4200

Conversions

Conversions Part 2

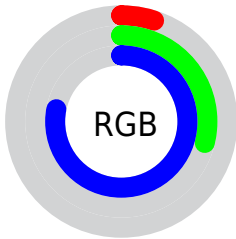
Format	Color
RYB	13, 60, 199
Decimal	871367
CIELab	36.44, 31.50, -68.99
CIELCh	36, 75.838, 294.542
Yxy	9.2412, 0.1679, 0.1195
Android (android.graphics.Color)	4279061447 (0xFF0D4BC7)
YUV	70.5980, 63.3022, -50.5134
Hunter-Lab	30.3994, 23.0811, -86.2478

Details

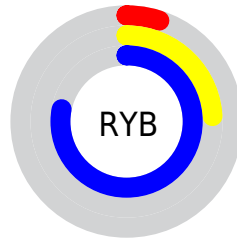
The Decimal color **871367** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **13076749**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **6716415**, and **8592** is the 20% darker color. If you saturate the color by 10%, you get **17095**, and if you desaturate by 10%, it is **2185415**.

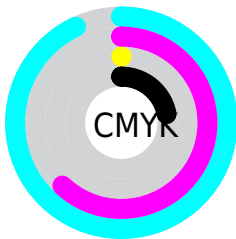
Distribution



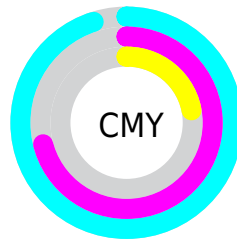
- Red (5%)
- Green (29%)
- Blue (78%)



- Red (5%)
- Yellow (24%)
- Blue (78%)



- Cyan (93%)
- Magenta (62%)
- Yellow (0%)
- Black (22%)



- Cyan (95%)
- Magenta (71%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 871367 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 871367 by changing the saturation by 10% instead.



871367



871367

16777215



13739



6716415



8592



8754687



3957



10792959



348



12831743



1859



14804991



812



278



0



871367



871367

■ 17095

■ 2185415

■ 3499719

■ 4813767

■ 6127815

■ 7441863

■ 8690631

■ 10004679

■ 11318727

■ 12632775

Harmonies

Analogous

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



25298



871367



9444510

Triad

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



871367



10366720



27976

Complementary

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



871367



13076749

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.



26880



871367



7557120

Square

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



871367



12058664



3694848



28295

Rectangle

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



871367



11403384



3694848



27698

Sweetspot

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



871367



12111871



903049



5530496



0



8421504

Same Dimension

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



871367



22015



2887111



5922147



13987



3108

Inverse Universe

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



13045067



16711765



11061005



6511197



10682422



2359308

Previews

White Background



This preview shows how the Decimal color 871367 looks on a white background.

Color Contrast Check

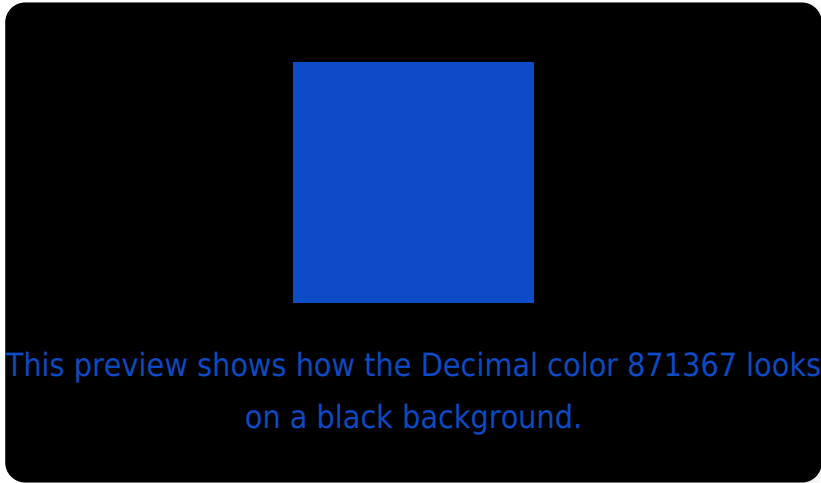
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

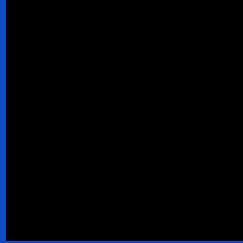
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 871367 Background



This preview shows how black text looks on a background with the Decimal color 871367.

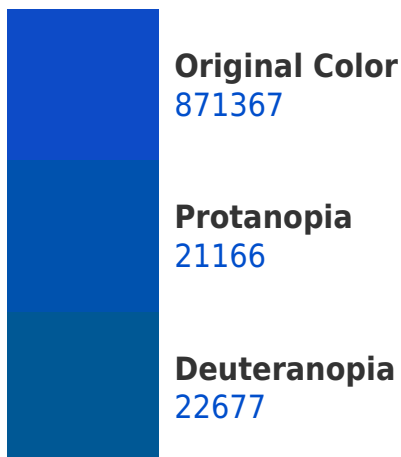


This preview shows how white text looks on a background with the Decimal color 871367.

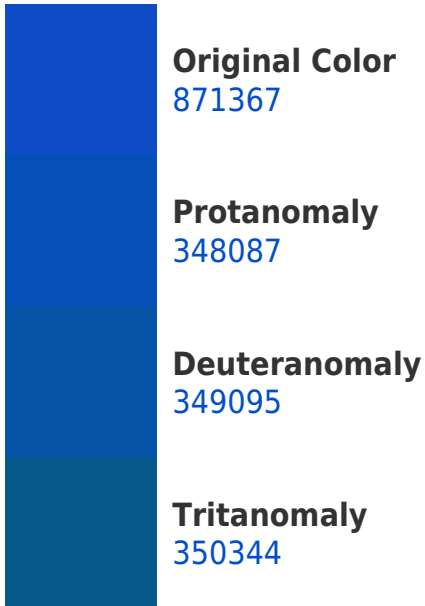
Color Blindness Simulation

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 871367 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 #0D4BC7 looks like.

```
.text, #text, p{  
  color:#0D4BC7  
}
```

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 #0D4BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4BC7
}
```

Border

The CSS property to change the border of an element to Decimal 871367 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
#0D4BC7 }
```

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

```
.border{ border-color:#0D4BC7 }
```

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

Here you see how a box with a 4 pixel #0D4BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4BC7; -webkit-box-shadow:4px 4px  
4px 4px #0D4BC7; box-shadow:4px 4px 4px  
4px #0D4BC7 }
```

Background

The CSS property to change the background color of an element to Decimal 871367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4BC7 }
```

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

```
.background{ background-color:#0D4BC7 }
```

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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