

Converting Colors

Decimal(852201)

Have a look what the booklet for
Decimal(852201) contains.

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Color

Decimal(852201)

Conversions

Conversions Part 1

Format	Color
Hex	0D00E9
RGB	13, 0, 233
RGB Percent	5%, 0%, 91%
CMY	0.9490, 1.0000, 0.0863
CMYK	0.94, 1.00, 0.00, 0.09
HSL	243°, 100%, 46%
HSV	243°, 100%, 91%
XYZ	14.8740, 5.9688, 77.4589
YIQ	30.4490, -67.0450, 75.2190

Conversions

Conversions Part 2

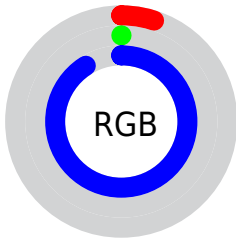
Format	Color
RYB	13, 0, 233
Decimal	852201
CIELab	29.33, 74.04, -100.38
CIElCh	29, 124.730, 306.413
Yxy	5.9688, 0.1513, 0.0607
Android (android.graphics.Color)	4279042281 (0xFF0D00E9)
YUV	30.4490, 99.8576, -15.3028
Hunter-Lab	24.4310, 65.9190, -170.8780

Details

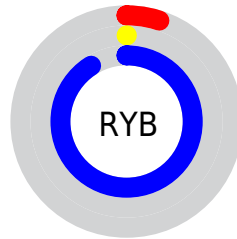
The Decimal color **852201** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **14477568**, and the grayscale version is **1973790**.

A 20% lighter version of the original color is **7685375**, and **175** is the 20% darker color. If you saturate the color by 10%, you get **852201**, and if you desaturate by 10%, it is **2299881**.

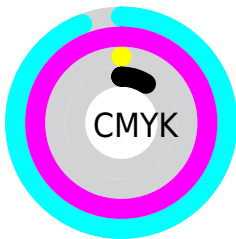
Distribution



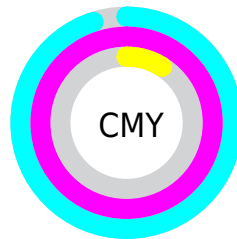
- Red (5%)
- Green (0%)
- Blue (91%)



- Red (5%)
- Yellow (0%)
- Blue (91%)



- Cyan (94%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)






















- Cyan (95%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 852201 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 852201 by changing the saturation by 10% instead.

 852201	 852201
 16777215	 204
 7685375	 175
 9986047	 148
 12155903	 889
 14325503	 3679
 16429823	 2118
 16764927	 1070
 16772351	 281
	 0

■ 852201

■ 2299881

■ 3747817

■ 5195497

■ 6643177

■ 8091113

■ 9538793

■ 10986473

■ 12434153

■ 13882089

Harmonies

Analogous

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



22015



852201



12255381

Triad

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



852201



9308928



24665

Complementary

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



852201



14477568

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.



23808



852201



4409856

Square

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



852201



12779520



22784



25531

Rectangle

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



852201



14024790



22784



24375

Sweetspot

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



852201



12039167



56809



5526144



0



8421504

Same Dimension

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



852201



917759



8388841



6974069



655541



196662

Inverse Universe

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



15270108



16711921



6940928



7694965



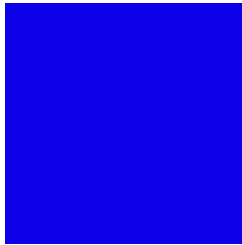
11862187



3538995

Previews

White Background



This preview shows how the Decimal color 852201 looks on a white background.

Color Contrast Check

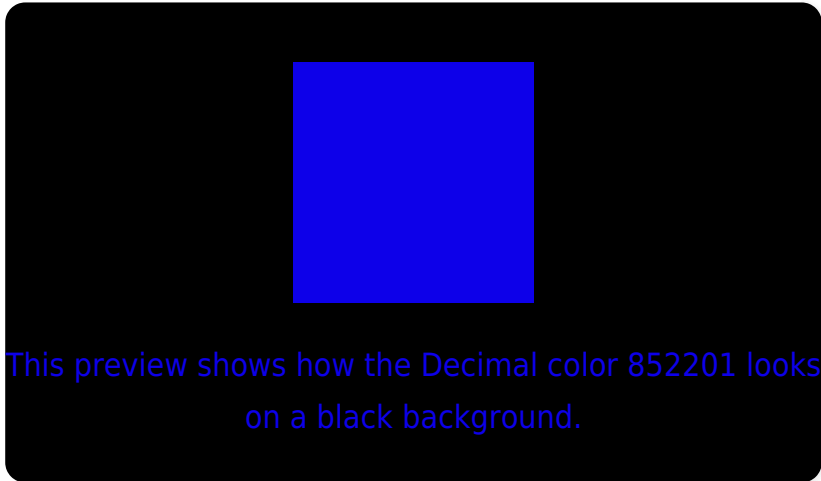
Large Text (above 18pt) WCAG AA ✓ Pass

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

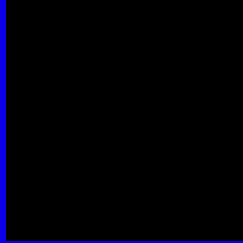
Any Text WCAG AA × Fail

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 852201 Background



This preview shows how black text looks on a background with the Decimal color 852201.



This preview shows how white text looks on a background with the Decimal color 852201.

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
852201

Protanomaly
338864

Deuteranomaly
339618

Tritanomaly
340617

Monochromacy



Original Color
852201

Achromatopsia
1973790

Achromatomaly
1577832

CSS Examples

Text

The CSS property to change the color of the text to Decimal 852201 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 #0D00E9 looks like.

```
.text, #text, p{  
    color:#0D00E9  
}
```

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 #0D00E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D00E9
}
```

Border

The CSS property to change the border of an element to Decimal 852201 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
#0D00E9 }
```

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

```
.border{ border-color:#0D00E9 }
```

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

Here you see how a box with a 4 pixel #0D00E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D00E9; -webkit-box-shadow:4px 4px  
4px 4px #0D00E9; box-shadow:4px 4px 4px  
4px #0D00E9 }
```

Background

The CSS property to change the background color of an element to Decimal 852201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D00E9 }
```

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

```
.background{ background-color:#0D00E9 }
```

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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