

# Converting Colors

Decimal(852904)

Have a look what the booklet for  
Decimal(852904) contains.

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# Color

**Decimal(852904)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D03A8
RGB	13, 3, 168
RGB Percent	5%, 1%, 66%
CMY	0.9490, 0.9882, 0.3412
CMYK	0.92, 0.98, 0.00, 0.34
HSL	244°, 96%, 34%
HSV	244°, 98%, 66%
XYZ	7.2664, 2.9778, 37.2376
YIQ	24.8000, -47.0050, 53.4350

# Conversions

## Conversions Part 2

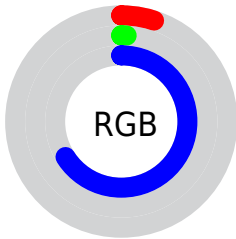
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">13, 3, 168</a>
Decimal	<a href="#">852904</a>
CIELab	<a href="#">19.95, 57.23, -77.87</a>
CIELCh	<a href="#">20, 96.641, 306.314</a>
Yxy	<a href="#">2.9778, 0.1530, 0.0627</a>
Android (android.graphics.Color)	<a href="#">4279042984 (0xFF0D03A8)</a>
YUV	<a href="#">24.8000, 70.5976, -10.3486</a>
Hunter-Lab	<a href="#">17.2564, 44.9649, -115.8622</a>

# Details

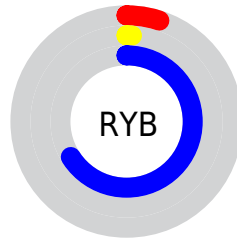
The Decimal color **852904** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **10397699**, and the grayscale version is **1579032**.

A 20% lighter version of the original color is **6438113**, and **114** is the 20% darker color. If you saturate the color by 10%, you get **655528**, and if you desaturate by 10%, it is **1905832**.

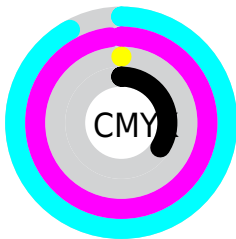
# Distribution



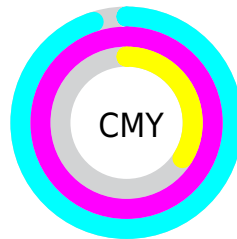
- Red (5%)
- Green (1%)
- Blue (66%)



- Red (5%)
- Yellow (1%)
- Blue (66%)



- Cyan (92%)
- Magenta (98%)
- Yellow (0%)
- Black (34%)



- Cyan (95%)
- Magenta (99%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 852904 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 852904 by changing the saturation by 10% instead.




 852904                       852904


 16775935                       141

 6438113                       114

 8541694                       600

 10514431                       1856

 12552703                       809

 14525951                       275

 16564479                       0

 16768511

 852904                       852904

■ 655528

■ 1905832

■ 2958760

■ 3945896

■ 4998824

■ 6051752

■ 7104680

■ 8092072

■ 9144744

■ 10197672

# Harmonies

## Analogous

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



15558



852904



8847467

# Triad

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



852904



6686464



17471

# Complementary

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



852904



10397699

# 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.



17152



852904



3093248

# Square

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



852904



9240576



16128



18310

# Rectangle

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



852904



10092605



16128



17189



# Sweetspot

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



852904



10525915



237736



4867950



15592941



7237230



# Same Dimension

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



852904



852187



6161320



5000276



589972



65556



# Inverse Universe

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



11010974



14352590



5089283



5524564



9699467

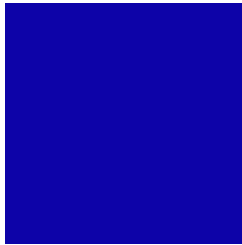


1310739



# Previews

## White Background



This preview shows how the Decimal color 852904 looks on a white background.

## Color Contrast Check

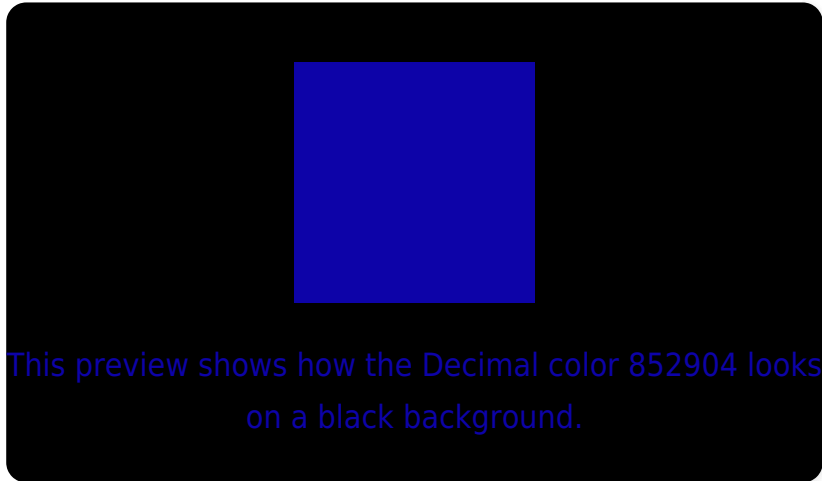
Large Text (above 18pt) WCAG AA ✓ Pass

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

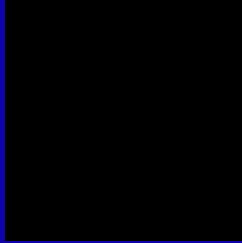
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 852904 Background



This preview shows how black text looks on a background with the Decimal color 852904.



This preview shows how white text looks on a background with the Decimal color 852904.

# 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



**Original Color**  
852904

**Protanopia**  
12647

**Deuteranopia**  
13656



**Tritanopia**  
14651

# Trichromacy



**Original Color**  
852904

**Protanomaly**  
335999

**Deuteranomaly**  
336757

**Tritanomaly**  
337251

# Monochromacy



**Original Color**  
852904

**Achromatopsia**  
1644825

**Achromatomaly**  
1380685

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 852904 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 #0D03A8 looks like.

```
.text, #text, p{  
    color:#0D03A8  
}
```

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 #0D03A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D03A8
}
```

## Border

The CSS property to change the border of an element to Decimal 852904 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
#0D03A8 }
```

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

```
.border{ border-color:#0D03A8 }
```

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

Here you see how a box with a 4 pixel #0D03A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D03A8; -webkit-box-shadow:4px 4px  
4px 4px #0D03A8; box-shadow:4px 4px 4px  
4px #0D03A8 }
```

# Background

The CSS property to change the background color of an element to Decimal 852904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D03A8 }
```

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

```
.background{ background-color:#0D03A8 }
```

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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