

# Converting Colors

Decimal(853676)

Have a look what the booklet for  
Decimal(853676) contains.

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# Color

**Decimal(853676)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D06AC
RGB	13, 6, 172
RGB Percent	5%, 2%, 67%
CMY	0.9490, 0.9765, 0.3255
CMYK	0.92, 0.97, 0.00, 0.33
HSL	243°, 93%, 35%
HSV	243°, 97%, 67%
XYZ	7.6775, 3.1944, 39.2417
YIQ	27.0170, -49.1140, 53.1100

# Conversions

## Conversions Part 2

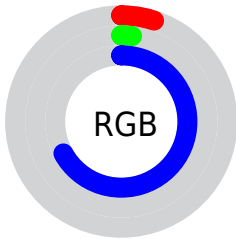
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 6, 172
Decimal	853676
CIELab	20.81, 57.49, -78.87
CIELCh	21, 97.599, 306.089
Yxy	3.1944, 0.1532, 0.0637
Android (android.graphics.Color)	4279043756 (0xFF0D06AC)
YUV	27.0170, 71.4766, -12.2929
Hunter-Lab	17.8728, 45.3996, -117.6665

# Details

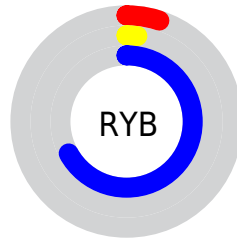
The Decimal color **853676** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **10857478**, and the grayscale version is **1710618**.

A 20% lighter version of the original color is **6504165**, and **118** is the 20% darker color. If you saturate the color by 10%, you get **458924**, and if you desaturate by 10%, it is **1906604**.

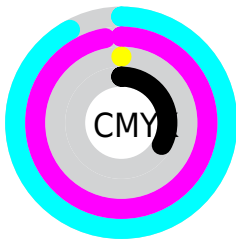
# Distribution



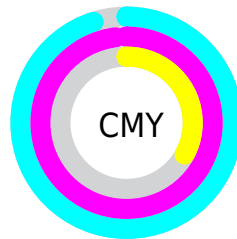
- Red (5%)
- Green (2%)
- Blue (67%)



- Red (5%)
- Yellow (2%)
- Blue (67%)



- Cyan (92%)
- Magenta (97%)
- Yellow (0%)
- Black (33%)




- Cyan (95%)
- Magenta (98%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 853676 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 853676 by changing the saturation by 10% instead.



 853676  853676

 16776447  145

 6504165  118

 8607743  92

 10646015  1859

 12619007  812

 14657535  279

 16696319  0

 16769023

 853676  853676

■ 458924

■ 1906604

■ 3025068

■ 4078252

■ 5196716

■ 6249644

■ 7368108

■ 8421036

■ 9539756

■ 10592684

# Harmonies

## Analogous

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



16074



853676



8978542

# Triad

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



853676



6948864



18240

# Complementary

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



853676



10857478

# 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.



17664



853676



3224832

# Square

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



853676



9502720



16640



18824

# Rectangle

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



853676



10354751



16640



17959



# Sweetspot

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



853676



10657760



435884



4934000



15790320



7368816



# Same Dimension

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



853676



590048



6227628



5131863



393366



65559



# Inverse Universe

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



11273893



14680279



5483526



5721686



9830544

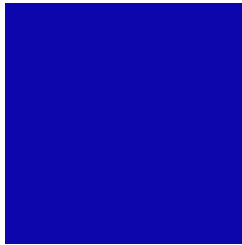


1507350



# Previews

## White Background



This preview shows how the Decimal color 853676 looks on a white background.

## Color Contrast Check

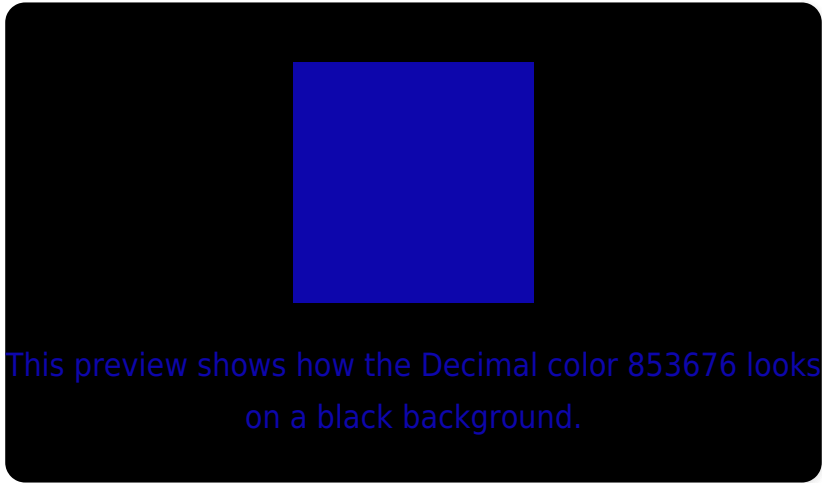
Large Text (above 18pt) WCAG AA ✓ Pass

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

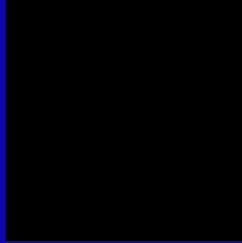
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 853676 Background



This preview shows how black text looks on a background with the Decimal color 853676.



This preview shows how white text looks on a background with the Decimal color 853676.

# 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**  
853676

**Protanopia**  
13162

**Deuteranopia**  
13914



**Tritanopia**  
14909

# Trichromacy



**Original Color**  
853676

**Protanomaly**  
336770

**Deuteranomaly**  
337272

**Tritanomaly**  
337765

# Monochromacy



**Original Color**  
853676

**Achromatopsia**  
1776411

**Achromatomaly**  
1446736

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 853676 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 #0D06AC looks like.

```
.text, #text, p{  
    color:#0D06AC  
}
```

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 #0D06AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D06AC
}
```

## Border

The CSS property to change the border of an element to Decimal 853676 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
#0D06AC }
```

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

```
.border{ border-color:#0D06AC }
```

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

Here you see how a box with a 4 pixel #0D06AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D06AC; -webkit-box-shadow:4px 4px  
4px 4px #0D06AC; box-shadow:4px 4px 4px  
4px #0D06AC }
```

# Background

The CSS property to change the background color of an element to Decimal 853676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D06AC }
```

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

```
.background{ background-color:#0D06AC }
```

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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