

# Converting Colors

Decimal(852085)

Have a look what the booklet for  
Decimal(852085) contains.

<b>Decimal(852085)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(852085)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D0075
RGB	13, 0, 117
RGB Percent	5%, 0%, 46%
CMY	0.9490, 1.0000, 0.5412
CMYK	0.89, 1.00, 0.00, 0.54
HSL	247°, 100%, 23%
HSV	247°, 100%, 46%
XYZ	3.3769, 1.3699, 16.9161
YIQ	17.2250, -29.8090, 39.1430

# Conversions

## Conversions Part 2

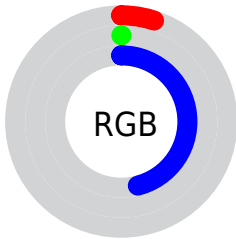
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 0, 117
Decimal	852085
CIELab	11.76, 44.73, -59.66
CIELCh	12, 74.570, 306.863
Yxy	1.3699, 0.1559, 0.0632
Android (android.graphics.Color)	4279042165 (0xFF0D0075)
YUV	17.2250, 49.1891, -3.7053
Hunter-Lab	11.7044, 31.0170, -77.4975

# Details

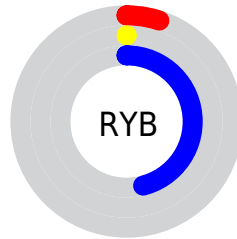
The Decimal color **852085** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6845696**, and the grayscale version is **1118481**.

A 20% lighter version of the original color is **5452202**, and **67** is the 20% darker color. If you saturate the color by 10%, you get **852085**, and if you desaturate by 10%, it is **1510517**.

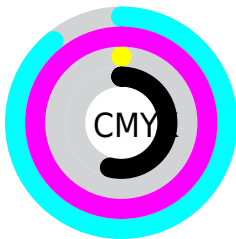
# Distribution



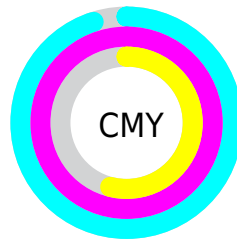
- Red (5%)
- Green (0%)
- Blue (46%)



- Red (5%)
- Yellow (0%)
- Blue (46%)



- Cyan (89%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (95%)
- Magenta (100%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 852085 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 852085 by changing the saturation by 10% instead.



 852085       852085

 16771839       92

 5452202       67

 7293638       812

 9200355       278

 11107583       0

 13015039

 14922495

 16764671

 852085

■ 1510517

■ 2234229

■ 2892661

■ 3616629

■ 4275061

■ 4933237

■ 5657205

■ 6315637

■ 7039349

# Harmonies

## Analogous

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



10123



852085



6160457

# Triad

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



852085



4523008



11562

# Complementary

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



852085



6845696

# 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.



11264



852085



1909248

# Square

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



852085



6422528



11008



12638

# Rectangle

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



852085



7077927



11008



11544



# Sweetspot

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



852085



7367577



26997



3420493



13421772



5066061



# Same Dimension

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



852085



1114265



4587637



3487035



917626



1835258



# Inverse Universe

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



7667816



10027144



3110144



3880250



7995501

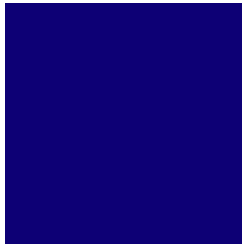


16384222



# Previews

## White Background



This preview shows how the Decimal color 852085 looks on a white background.

### Color Contrast Check

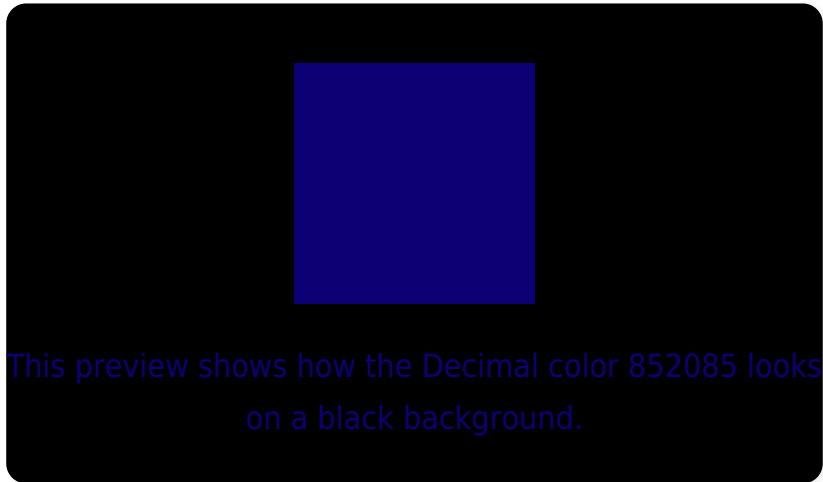
Large Text (above 18pt) WCAG AA ✓ Pass

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

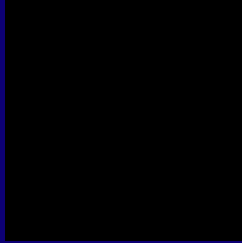
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 852085 Background



This preview shows how black text looks on a background with the Decimal color 852085.



This preview shows how white text looks on a background with the Decimal color 852085.

# 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**  
852085

**Protanopia**  
9032

**Deuteranopia**  
9533



# Trichromacy



**Original Color**  
852085

**Protanomaly**  
333400

**Deuteranomaly**  
333905

**Tritanomaly**  
334149

# Monochromacy



**Original Color**  
852085

**Achromatopsia**  
1118481

**Achromatomaly**  
1051445

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 852085 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 #0D0075 looks like.

```
.text, #text, p{  
    color:#0D0075  
}
```

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 #0D0075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0075
}
```

## Border

The CSS property to change the border of an element to Decimal 852085 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
#0D0075 }
```

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

```
.border{ border-color:#0D0075 }
```

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

Here you see how a box with a 4 pixel #0D0075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0075; -webkit-box-shadow:4px 4px  
4px 4px #0D0075; box-shadow:4px 4px 4px  
4px #0D0075 }
```

# Background

The CSS property to change the background color of an element to Decimal 852085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0075 }
```

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

```
.background{ background-color:#0D0075 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor