

# Converting Colors

Decimal(852072)

Have a look what the booklet for  
Decimal(852072) contains.

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# Color

**Decimal(852072)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D0068
RGB	13, 0, 104
RGB Percent	5%, 0%, 41%
CMY	0.9490, 1.0000, 0.5922
CMYK	0.87, 1.00, 0.00, 0.59
HSL	248°, 100%, 20%
HSV	248°, 100%, 41%
XYZ	2.6647, 1.0850, 13.1657
YIQ	15.7430, -25.6360, 35.1000

# Conversions

## Conversions Part 2

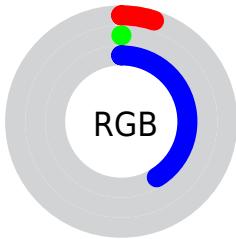
Format	Color
<b>RYB</b>	13, 0, 104
Decimal	852072
CIELab	9.68, 41.20, -54.62
CIELCh	10, 68.418, 307.027
Yxy	1.0850, 0.1575, 0.0641
Android (android.graphics.Color)	4279042152 (0xFF0D0068)
YUV	15.7430, 43.5107, -2.4056
Hunter-Lab	10.4165, 27.4334, -67.6464

# Details

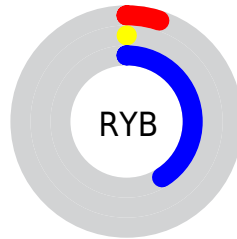
The Decimal color **852072** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5990400**, and the grayscale version is **986895**.

A 20% lighter version of the original color is **5189532**, and **1335** is the 20% darker color. If you saturate the color by 10%, you get **852072**, and if you desaturate by 10%, it is **1444456**.

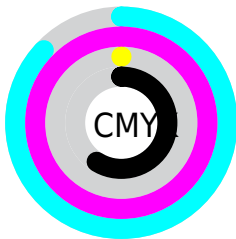
# Distribution



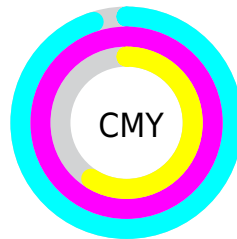
- Red (5%)
- Green (0%)
- Blue (41%)



- Red (5%)
- Yellow (0%)
- Blue (41%)



- Cyan (87%)
- Magenta (100%)
- Yellow (0%)
- Black (59%)



- Cyan (95%)
- Magenta (100%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 852072 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 852072 by changing the saturation by 10% instead.





852072



852072



16770815



79



5189532



1335



7030712



545



8872148



6



10713585



0



12555263



14462719



16435967



852072

■ 1444456

■ 2037096

■ 2629480

■ 3222120

■ 3880040

■ 4472424

■ 5065064

■ 5657448

■ 6250088

# Harmonies

## Analogous

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



8828



852072



5505088

# Triad

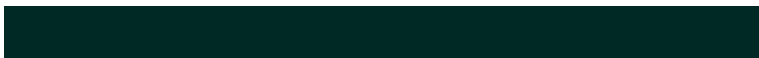
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



852072



3998720



10277

# Complementary

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



852072



5990400

# 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.



9984



852072



1645824

# Square

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



852072



5701632



9984



11092

# Rectangle

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



852072



6291490



9984



10005



# Sweetspot

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



852072



6578055



23656



3091525



12895428



4539717



# Same Dimension

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



852072



1114247



4194408



3092019



917619



1966322



# Inverse Universe

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



6815835



8847478



2648064



3354162



7536740

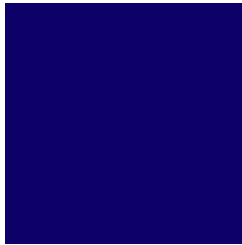


15859924



# Previews

## White Background



This preview shows how the Decimal color 852072 looks on a white background.

### Color Contrast Check

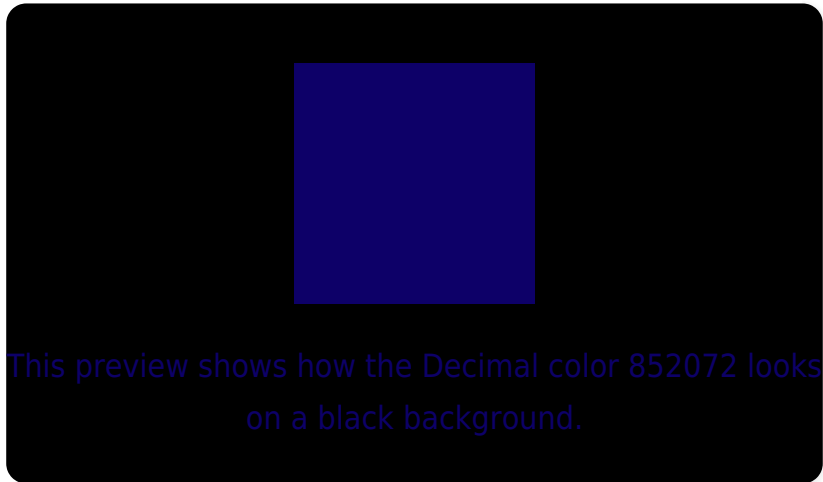
Large Text (above 18pt) WCAG AA ✓ Pass

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

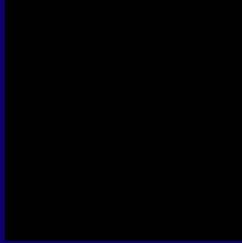
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 852072 Background



This preview shows how black text looks on a background with the Decimal color 852072.



This preview shows how white text looks on a background with the Decimal color 852072.

# 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**  
852072

**Protanopia**  
8001

**Deuteranopia**  
8503



# Trichromacy



**Original Color**  
852072

**Protanomaly**  
332879

**Deuteranomaly**  
333129

**Tritanomaly**  
333373

# Monochromacy



**Original Color**  
852072

**Achromatopsia**  
1052688

**Achromatomaly**  
985648

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 852072 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 #0D0068 looks like.

```
.text, #text, p{  
    color:#0D0068  
}
```

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 #0D0068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0068
}
```

## Border

The CSS property to change the border of an element to Decimal 852072 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
#0D0068 }
```

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

```
.border{ border-color:#0D0068 }
```

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

Here you see how a box with a 4 pixel #0D0068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0068; -webkit-box-shadow:4px 4px  
4px 4px #0D0068; box-shadow:4px 4px 4px  
4px #0D0068 }
```

# Background

The CSS property to change the background color of an element to Decimal 852072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0068 }
```

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

```
.background{ background-color:#0D0068 }
```

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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