

# Converting Colors

Decimal(852050)

Have a look what the booklet for  
Decimal(852050) contains.

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# Color

**Decimal(852050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D0052
RGB	13, 0, 82
RGB Percent	5%, 0%, 32%
CMY	0.9490, 1.0000, 0.6784
CMYK	0.84, 1.00, 0.00, 0.68
HSL	250°, 100%, 16%
HSV	250°, 100%, 32%
XYZ	1.6890, 0.6948, 8.0277
YIQ	13.2350, -18.5740, 28.2580

# Conversions

## Conversions Part 2

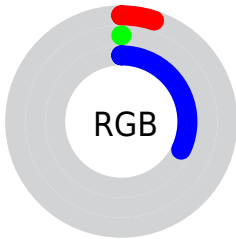
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 0, 82
Decimal	852050
CIE Lab	6.28, 34.46, -45.46
CIE LCh	6, 57.043, 307.165
Yxy	0.6948, 0.1622, 0.0667
Android (android.graphics.Color)	4279042130 (0xFF0D0052)
YUV	13.2350, 33.9011, -0.2061
Hunter-Lab	8.3352, 21.5828, -51.2680

# Details

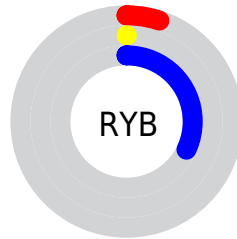
The Decimal color **852050** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4542976**, and the grayscale version is **855309**.

A 20% lighter version of the original color is **4664453**, and **548** is the 20% darker color. If you saturate the color by 10%, you get **852050**, and if you desaturate by 10%, it is **1312850**.

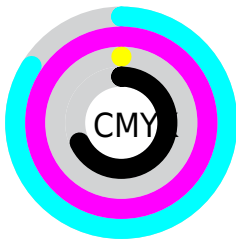
# Distribution



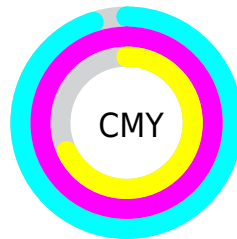
- Red (5%)
- Green (0%)
- Blue (32%)



- Red (5%)
- Yellow (0%)
- Blue (32%)



- Cyan (84%)
- Magenta (100%)
- Yellow (0%)
- Black (68%)



- Cyan (95%)
- Magenta (100%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 852050 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 852050 by changing the saturation by 10% instead.



 852050                       852050

 16769535                       58

 4664453                       548

 6439839                       11

 8215482                       0

 9991638

 11833075

 13740543

 15648255

 852050

■ 1312850

■ 1773650

■ 2234706

■ 2695506

■ 3090770

■ 3551570

■ 4012370

■ 4473426

■ 4934226

# Harmonies

## Analogous

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



6498



852050



4325426

# Triad

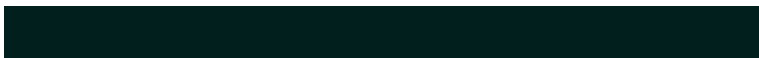
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



852050



3146496



7965

# Complementary

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



852050



4542976

# 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.



7680



852050



1054464

# Square

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



852050



4521984



7680



8514

# Rectangle

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



852050



4980762



7680



7694



# Sweetspot

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



852050



5262187



18002



2433590



11908533



3552822



# Same Dimension

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



852050



1114219



3473490



2434345



1114217



2425064



# Inverse Universe

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



5374021



7012442



1921536



2696488



6881368

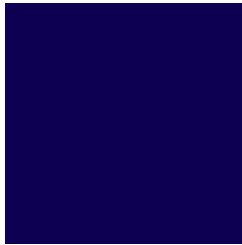


15204547



# Previews

## White Background



This preview shows how the Decimal color 852050 looks on a white background.

### Color Contrast Check

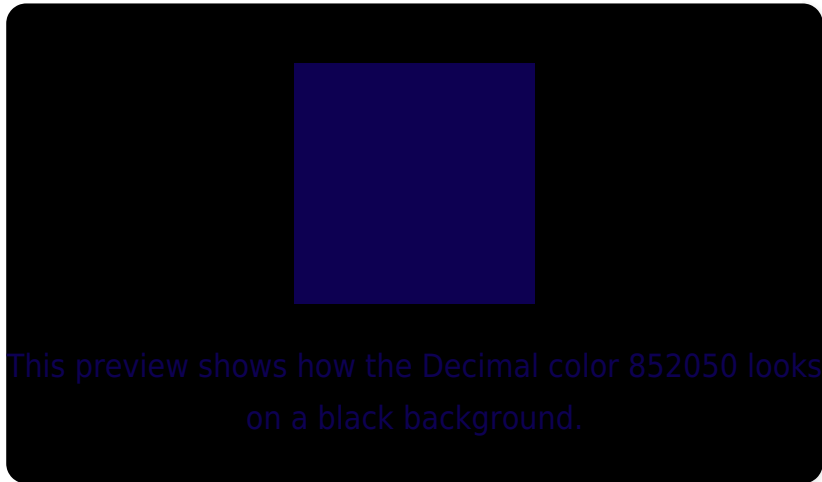
Large Text (above 18pt) WCAG AA ✓ Pass

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

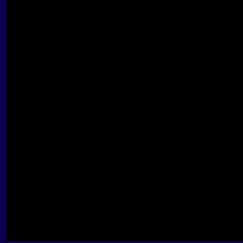
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 852050 Background



This preview shows how black text looks on a background with the Decimal color 852050.



This preview shows how white text looks on a background with the Decimal color 852050.

# 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**  
852050

**Protanopia**  
6451

**Deuteranopia**  
6700



# Trichromacy



**Original Color**  
852050

**Protanomaly**  
331838

**Deuteranomaly**  
332090

**Tritanomaly**  
332337

# Monochromacy



**Original Color**  
852050

**Achromatopsia**  
855309

**Achromatomaly**  
854054

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 852050 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 #0D0052 looks like.

```
.text, #text, p{  
    color:#0D0052  
}
```

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 #0D0052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0052
}
```

## Border

The CSS property to change the border of an element to Decimal 852050 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
#0D0052 }
```

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

```
.border{ border-color:#0D0052 }
```

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

Here you see how a box with a 4 pixel #0D0052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0052; -webkit-box-shadow:4px 4px  
4px 4px #0D0052; box-shadow:4px 4px 4px  
4px #0D0052 }
```

# Background

The CSS property to change the background color of an element to Decimal 852050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0052 }
```

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

```
.background{ background-color:#0D0052 }
```

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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