

# Converting Colors

Decimal(8651059)

Have a look what the booklet for  
Decimal(8651059) contains.

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**Color**

**Decimal(8651059)**

# Conversions

## Conversions Part 1

Format	Color
Hex	840133
RGB	132, 1, 51
RGB Percent	52%, 0%, 20%
CMY	0.4824, 0.9961, 0.8000
CMYK	0.00, 0.99, 0.61, 0.48
HSL	337°, 98%, 26%
HSV	337°, 99%, 52%
XYZ	10.1241, 5.1663, 3.5956
YIQ	45.8690, 62.0260, 43.3220

# Conversions

## Conversions Part 2

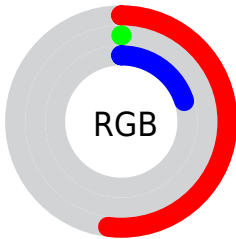
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 1, 51
Decimal	8651059
CIELab	27.20, 50.79, 10.32
CIElCh	27, 51.833, 11.488
Yxy	5.1663, 0.5361, 0.2736
Android (android.graphics.Color)	4286841139 (0xFF840133)
YUV	45.8690, 2.5296, 75.5369
Hunter-Lab	22.7294, 39.7309, 6.5315

# Details

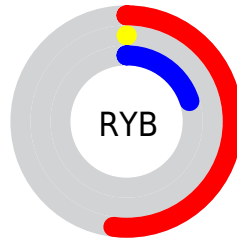
The Decimal color **8651059** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **99410**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **12535137**, and **4980741** is the 20% darker color. If you saturate the color by 10%, you get **8650802**, and if you desaturate by 10%, it is **8654395**.

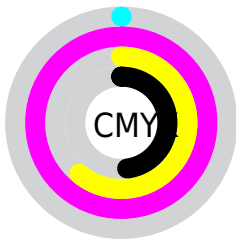
# Distribution



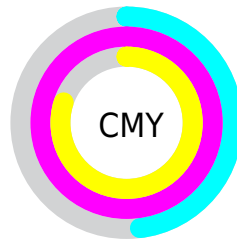
- Red (52%)
- Green (0%)
- Blue (20%)



- Red (52%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (99%)
- Yellow (61%)
- Black (48%)



- Cyan (48%)
- Magenta (100%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8651059 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 8651059 by changing the saturation by 10% instead.



 8651059

 8651059

16777215

 6750238

 12535137

 4980741

 14442618

 3211266

 16481427

 0

 16750510

 16757705

 16764901

 16772351

 8651059

 8651059

8650802

8654395

8657731

8661323

8664660

8667996

8671332

8674668

8678260

8681596

# Harmonies

## Analogous

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



7934042



8651059



8068620

# Triad

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



8651059



871424



19596

# Complementary

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



8651059



99410

# 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.



20596



8651059



20261

# Square

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



8651059



4342528



20815



16783

# Rectangle

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



8651059



7155200



20815



20102



# Sweetspot

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



8651059



11237515



5374340



5715779



14079702



5723991



# Same Dimension

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



8651059



11206721



8654849



4340798



8519730



196609



# Inverse Universe

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



8651059



11206721



95620



4340798



8519730

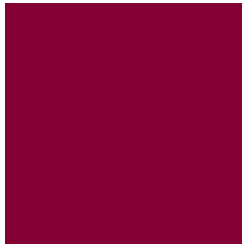


196609



# Previews

## White Background



This preview shows how the Decimal color 8651059 looks on a white background.

## Color Contrast Check

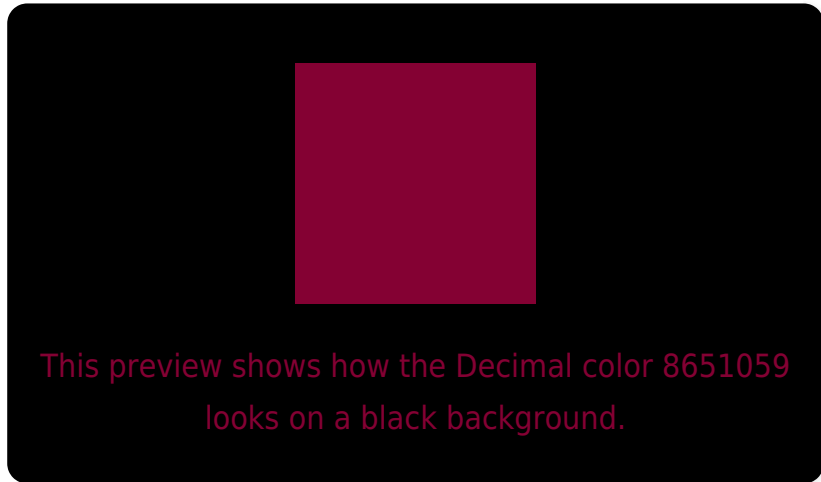
Large Text (above 18pt) WCAG AA ✓ Pass

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 8651059 Background



This preview shows how black text looks on a background with the Decimal color 8651059.

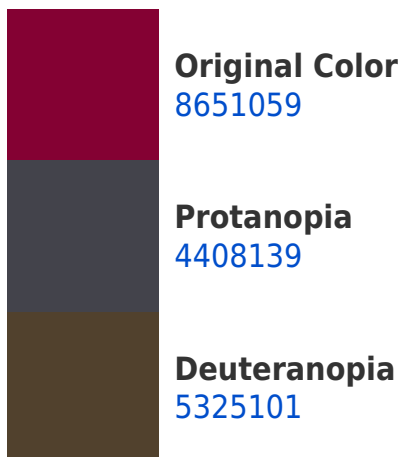


This preview shows how white text looks on a background with the Decimal color 8651059.

# 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





# Trichromacy



**Original Color**  
8651059

**Protanomaly**  
5974850

**Deuteranomaly**  
6564399

**Tritanomaly**  
8588575

# Monochromacy



**Original Color**  
8651059

**Achromatopsia**  
3026478

**Achromatomaly**  
5054000

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8651059 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 #840133 looks like.

```
.text, #text, p{  
    color:#840133  
}
```

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 #840133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #840133
}
```

## Border

The CSS property to change the border of an element to Decimal 8651059 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".

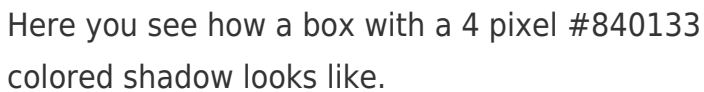
```
.border, #border, table{ border:4px solid
#840133 }
```

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

```
.border{ border-color:#840133 }
```

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

Here you see how a box with a 4 pixel #840133 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #840133; -webkit-box-shadow:4px 4px  
4px 4px #840133; box-shadow:4px 4px 4px  
4px #840133 }
```

# Background

The CSS property to change the background color of an element to Decimal 8651059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#840133 }
```

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

```
.background{ background-color:#840133 }
```

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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