

# Converting Colors

Decimal(8591952)

Have a look what the booklet for  
Decimal(8591952) contains.

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**Color**

**Decimal(8591952)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	831A50
RGB	131, 26, 80
RGB Percent	51%, 10%, 31%
CMY	0.4863, 0.8980, 0.6863
CMYK	0.00, 0.80, 0.39, 0.49
HSL	329°, 67%, 31%
HSV	329°, 80%, 51%
XYZ	11.1774, 6.1433, 8.1861
YIQ	63.5510, 45.2460, 39.0540

# Conversions

## Conversions Part 2

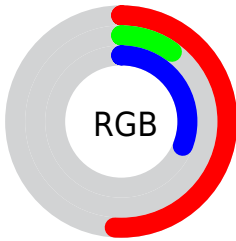
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 26, 80
Decimal	8591952
CIELab	29.77, 47.68, -5.50
CIElCh	30, 47.992, 353.424
Yxy	6.1433, 0.4382, 0.2408
Android (android.graphics.Color)	4286782032 (0xFF831A50)
YUV	63.5510, 8.1094, 59.1528
Hunter-Lab	24.7856, 37.1223, -2.2321

# Details

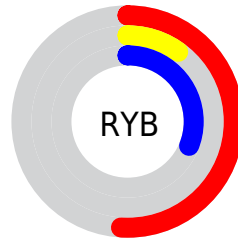
The Decimal color **8591952** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1737549**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **12341889**, and **5046308** is the 20% darker color. If you saturate the color by 10%, you get **8588618**, and if you desaturate by 10%, it is **8595286**.

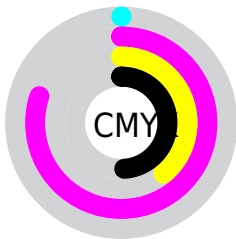
# Distribution



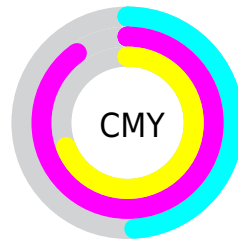
- Red (51%)
- Green (10%)
- Blue (31%)



- Red (51%)
- Yellow (10%)
- Blue (31%)



- Cyan (0%)
- Magenta (80%)
- Yellow (39%)
- Black (49%)



- Cyan (49%)
- Magenta (90%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8591952 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 8591952 by changing the saturation by 10% instead.



8591952

8591952

16777215

6815801

12341889

5046308

14249115

3538958

16156598

589824

16753618

0

16760814

16767999

16775423

8591952

8591952

■ 8588618

■ 8595286

■ 8585283

■ 8598621

■ 8601955

■ 8605289

■ 8608624

■ 8612214

■ 8615549

■ 8618883

■ 8622217

# Harmonies

## Analogous

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



6958195



8591952



8789547

# Triad

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



8591952



3820800



21634

# Complementary

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



8591952



1737549

# 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.



22115



8591952



21269

# Square

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



8591952



6111744



22076



19857

# Rectangle

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



8591952



8268307



22076



21881



# Sweetspot

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



8591952



11240087



5053059



5717578



14079702



5723991



# Same Dimension

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



8591952



11208539



8591900



4340799



8519747



196609



# Inverse Universe

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



8591952



11208539



1737601



4340799



8519747

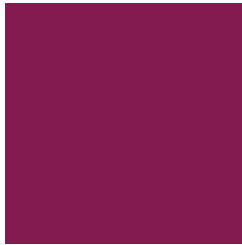


196609



# Previews

## White Background



This preview shows how the Decimal color 8591952 looks on a white background.

## Color Contrast Check

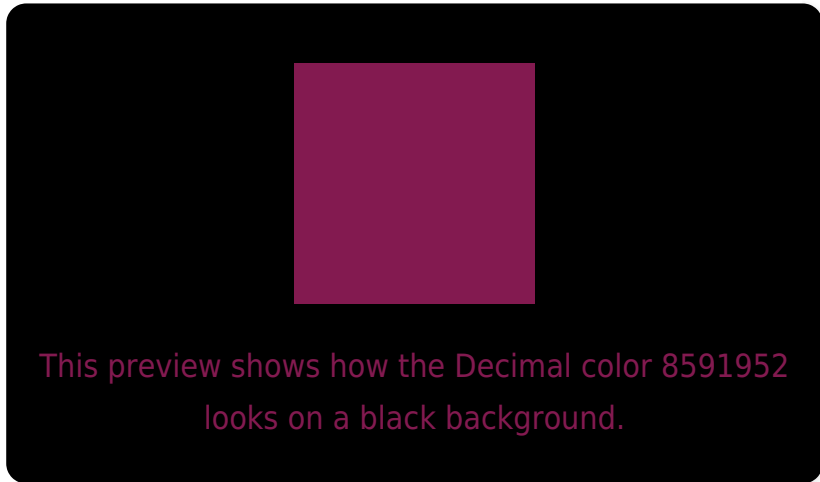
Large Text (above 18pt) WCAG AA ✓ Pass

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

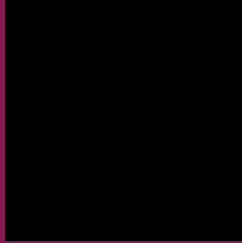
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8591952 Background



This preview shows how black text looks on a background with the Decimal color 8591952.

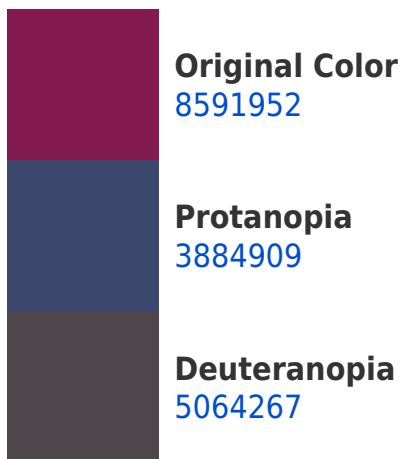


This preview shows how white text looks on a background with the Decimal color 8591952.

# 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**  
8591952

**Protanomaly**  
5584738

**Deuteranomaly**  
6370893

**Tritanomaly**  
8462903

# Monochromacy



**Original Color**  
8591952

**Achromatopsia**  
4210752

**Achromatomaly**  
5780038

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8591952 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 #831A50 looks like.

```
.text, #text, p{  
  color:#831A50  
}
```

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 #831A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #831A50
}
```

## Border

The CSS property to change the border of an element to Decimal 8591952 is called "border". The border property can be set on classes, ids or directly on the HTML element.

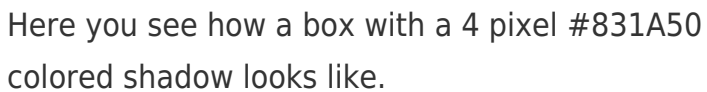
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#831A50 }
```

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

```
.border{ border-color:#831A50 }
```

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



Here you see how a box with a 4 pixel #831A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #831A50; -webkit-box-shadow:4px 4px  
4px 4px #831A50; box-shadow:4px 4px 4px  
4px #831A50 }
```

# Background

The CSS property to change the background color of an element to Decimal 8591952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#831A50 }
```

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

```
.background{ background-color:#831A50 }
```

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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