

# Converting Colors

Decimal(8587300)

Have a look what the booklet for  
Decimal(8587300) contains.

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**Color**

**Decimal(8587300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	830824
RGB	131, 8, 36
RGB Percent	51%, 3%, 14%
CMY	0.4863, 0.9686, 0.8588
CMYK	0.00, 0.94, 0.73, 0.49
HSL	346°, 88%, 27%
HSV	346°, 94%, 51%
XYZ	9.7653, 5.1263, 2.1439
YIQ	47.9690, 64.3200, 34.7840

# Conversions

## Conversions Part 2

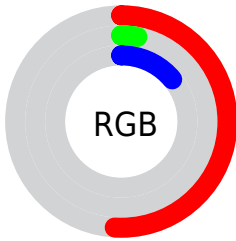
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	131, 8, 36
Decimal	8587300
CIE Lab	27.09, 48.44, 20.29
CIE LCh	27, 52.519, 22.727
Yxy	5.1263, 0.5732, 0.3009
Android (android.graphics.Color)	4286777380 (0xFF830824)
YUV	47.9690, -5.9007, 72.8182
Hunter-Lab	22.6414, 37.3654, 10.2350

# Details

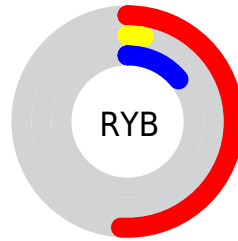
The Decimal color **8587300** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **557927**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **12470096**, and **4849664** is the 20% darker color. If you saturate the color by 10%, you get **8585246**, and if you desaturate by 10%, it is **8590638**.

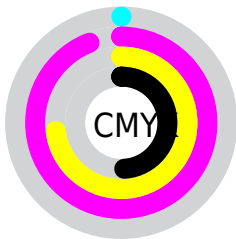
# Distribution



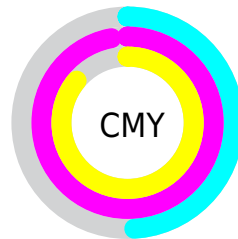
- Red (51%)
- Green (3%)
- Blue (14%)



- Red (51%)
- Yellow (3%)
- Blue (14%)



- Cyan (0%)
- Magenta (94%)
- Yellow (73%)
- Black (49%)



- Cyan (49%)
- Magenta (97%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8587300 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 8587300 by changing the saturation by 10% instead.



8587300

8587300

16777215

6684688

12470096

4849664

14443112

3080194

16481665

0

16750747

16757942

16765394

16772846

8587300

8587300

8585246

8590638

8593976

8597314

8600652

8603991

8607585

8610923

8614261

8617599

# Harmonies

## Analogous

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



8388684



8587300



7612160

# Triad

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



8587300



19718



18577

# Complementary

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



8587300



557927

# 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.



20352



8587300



20533

# Square

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



8587300



3360512



20830



1784459

# Rectangle

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



8587300



6436096



20830



19342



# Sweetspot

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



8587300



11238278



6686851



5716288



14079702



5723991



# Same Dimension

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



8587300



11206695



8595720



4340797



8519710



196609



# Inverse Universe

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



8587300



11206695



549507



4340797



8519710

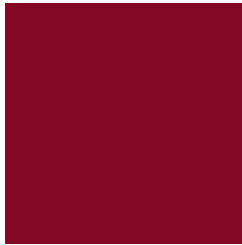


196609



# Previews

## White Background



This preview shows how the Decimal color 8587300 looks on a white background.

## Color Contrast Check

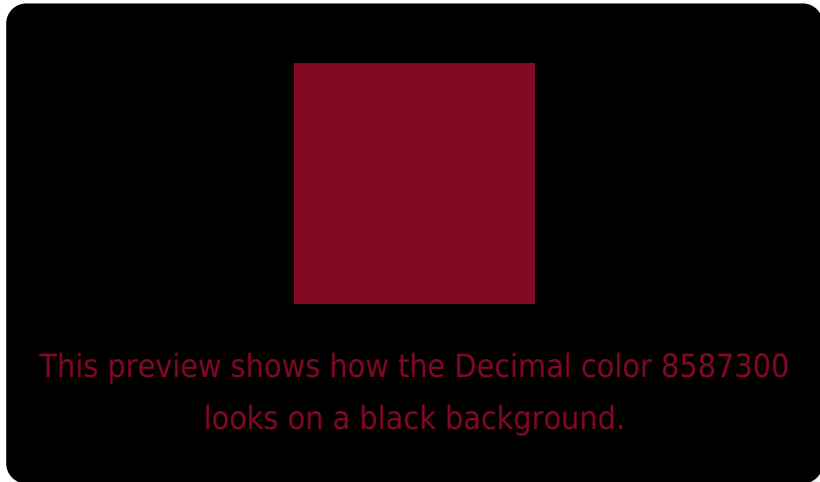
Large Text (above 18pt) WCAG AA ✓ Pass

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 8587300 Background



This preview shows how black text looks on a background with the Decimal color 8587300.



This preview shows how white text looks on a background with the Decimal color 8587300.

# 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**  
8587300

**Protanopia**  
4670261

**Deuteranopia**  
5455901



# Trichromacy



**Original Color**  
8587300

**Protanomaly**  
6106671

**Deuteranomaly**  
6564896

**Tritanomaly**  
8588565

# Monochromacy



**Original Color**  
8587300

**Achromatopsia**  
3158064

**Achromatomaly**  
5120300

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8587300 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 #830824 looks like.

```
.text, #text, p{  
    color:#830824  
}
```

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 #830824 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #830824
}
```

## Border

The CSS property to change the border of an element to Decimal 8587300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

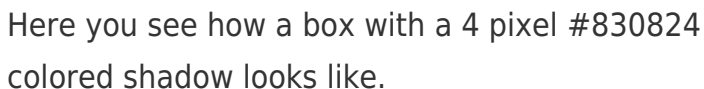
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#830824 }
```

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

```
.border{ border-color:#830824 }
```

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



Here you see how a box with a 4 pixel #830824 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #830824; -webkit-box-shadow:4px 4px  
4px 4px #830824; box-shadow:4px 4px 4px  
4px #830824 }
```

# Background

The CSS property to change the background color of an element to Decimal 8587300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#830824 }
```

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

```
.background{ background-color:#830824 }
```

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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