

# Converting Colors

Decimal(8873042)

Have a look what the booklet for  
Decimal(8873042) contains.

<b>Decimal(8873042)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(8873042)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	876452
RGB	135, 100, 82
RGB Percent	53%, 39%, 32%
CMY	0.4706, 0.6078, 0.6784
CMYK	0.00, 0.26, 0.39, 0.47
HSL	20°, 24%, 43%
HSV	20°, 39%, 53%
XYZ	16.0718, 14.8744, 10.0066
YIQ	108.4130, 26.6380, 1.8220

# Conversions

## Conversions Part 2

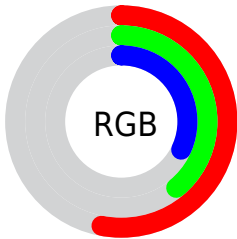
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 109, 82
Decimal	8873042
CIE <sub>Lab</sub>	45.46, 11.57, 15.71
CIE <sub>LCh</sub>	45, 19.512, 53.639
Yxy	14.8744, 0.3924, 0.3632
Android (android.graphics.Color)	4287063122 (0xFF876452)
YUV	108.4130, -13.0216, 23.3168
Hunter-Lab	38.5674, 6.8917, 11.6139




# Details

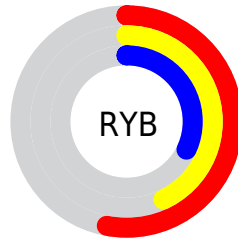
The Decimal color **8873042** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5404039**, and the grayscale version is **7171437**.




A 20% lighter version of the original color is **12425091**, and **5518629** is the 20% darker color. If you saturate the color by 10%, you get **8870725**, and if you desaturate by 10%, it is **8875360**.

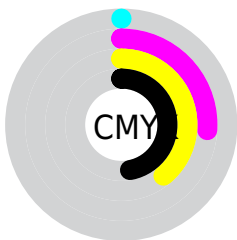
# Distribution







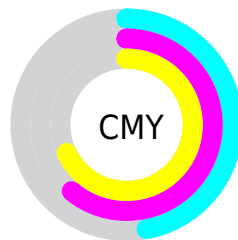
-  Red (53%)
-  Green (39%)
-  Blue (32%)






-  Red (53%)
-  Yellow (43%)
-  Blue (32%)



-  Cyan (0%)
-  Magenta (26%)
-  Yellow (39%)
-  Black (47%)



-  Cyan (47%)
-  Magenta (61%)
-  Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8873042 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 8873042 by changing the saturation by 10% instead.





8873042



8873042

16777215



7162939



12425091



5518629



14332574



3874832



16240057



2427392



16771540



0



16777201



8873042



8873042



8870725



8875360



8868407



8877677

8866090

8879995

8863772

8882312

8861455

8884630

8859393

8886691

8859136

8889009

8891326

8893644

# Harmonies

## Analogous

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



9265247



8873042



8087883

# Triad

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



8873042



4552039



6908297

# Complementary

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



8873042



5404039

# 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.



5402252



8873042



3830904

# Square

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



8873042



5730904



4158085



8217471

# Rectangle

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



8873042



7368012



4158085



6450059



# Sweetspot

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



8873042



11575963



8868469



5853517



14277081



5855577



# Same Dimension

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



8873042



11565405



8879698



4341308



8530944



196864



# Inverse Universe

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



5404039



6132912



5397383



3948610



22146



515



# Previews

## White Background



This preview shows how the Decimal color 8873042 looks on a white background.

## Color Contrast Check

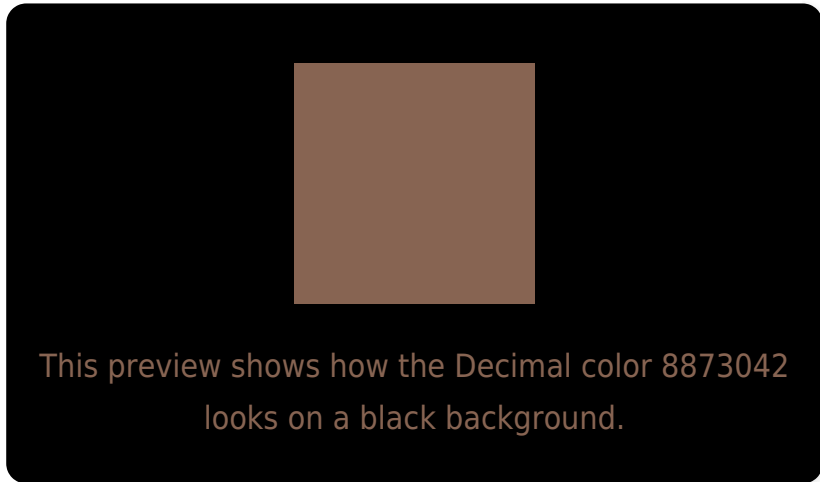
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 8873042 Background



This preview shows how black text looks on a background with the Decimal color 8873042.



This preview shows how white text looks on a background with the Decimal color 8873042.

# 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**  
8873042

**Protanopia**  
7564374

**Deuteranopia**  
8349521



**Tritanopia**  
9003368

# Trichromacy



**Original Color**  
8873042

**Protanomaly**  
8022357

**Deuteranomaly**  
8545873

**Tritanomaly**  
8938080

# Monochromacy



**Original Color**  
8873042

**Achromatopsia**  
7105644

**Achromatomaly**  
7760227

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8873042 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 #876452 looks like.

```
.text, #text, p{  
    color:#876452  
}
```

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 #876452 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876452
}
```

## Border

The CSS property to change the border of an element to Decimal 8873042 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
#876452 }
```

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

```
.border{ border-color:#876452 }
```

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

Here you see how a box with a 4 pixel #876452 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876452; -webkit-box-shadow:4px 4px  
4px 4px #876452; box-shadow:4px 4px 4px  
4px #876452 }
```

# Background

The CSS property to change the background color of an element to Decimal 8873042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876452 }
```

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

```
.background{ background-color:#876452 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor