

# Converting Colors

Decimal(8754002)

Have a look what the booklet for  
Decimal(8754002) contains.

<b>Decimal(8754002)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(8754002)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	859352
RGB	133, 147, 82
RGB Percent	52%, 58%, 32%
CMY	0.4784, 0.4235, 0.6784
CMYK	0.10, 0.00, 0.44, 0.42
HSL	73°, 28%, 45%
HSV	73°, 44%, 58%
XYZ	21.6296, 26.4632, 11.9505
YIQ	135.4040, 12.5210, -23.1830

# Conversions

## Conversions Part 2

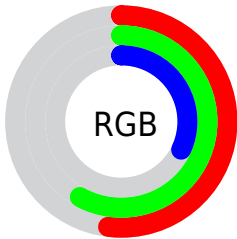
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 147, 96
Decimal	8754002
CIELab	58.47, -15.75, 32.65
CIELCh	58, 36.245, 115.750
Yxy	26.4632, 0.3602, 0.4407
Android (android.graphics.Color)	4286944082 (0xFF859352)
YUV	135.4040, -26.3282, -2.1083
Hunter-Lab	51.4424, -14.9716, 22.2360

# Details

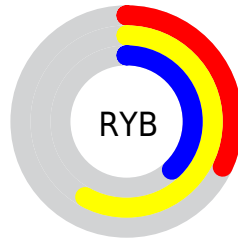
The Decimal color **8754002** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6312595**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **12306821**, and **5398563** is the 20% darker color. If you saturate the color by 10%, you get **8557379**, and if you desaturate by 10%, it is **8950625**.

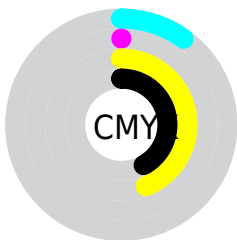
# Distribution



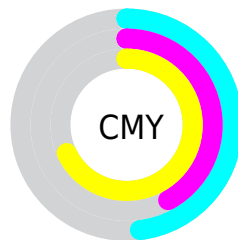
- Red (52%)
- Green (58%)
- Blue (32%)



- Red (32%)
- Yellow (58%)
- Blue (38%)



- Cyan (10%)
- Magenta (0%)
- Yellow (44%)
- Black (42%)



- Cyan (48%)
- Magenta (42%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8754002 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 8754002 by changing the saturation by 10% instead.





8754002



8754002

16777215



7043386



12306821



5398563



14149023



3819786



16056250



2372096



16777174



466432



16777203



0



8754002



8754002



8557379



8950625



8360757



9147247

■ 8164134

■ 9343870

■ 7901975

■ 9606029

■ 7705353

■ 9802652

■ 7574272

■ 9999274

■ 10195897

■ 10392520

■ 10589142

# Harmonies

## Analogous

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



10848589



8754002



6265448

# Triad

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



8754002



39360



13005970

# Complementary

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



8754002



6312595

# 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.



11566001



8754002



5476812

# Square

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



8754002



40359



9012934



13202803

# Rectangle

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



8754002



4299900



9012934



12678557



# Sweetspot

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



8754002



12238758



9658194



6185297



14737632



6381921



# Same Dimension

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



8754002



11124570



6722386



4737603



7113216



526848



# Inverse Universe

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



6312595



7363263



8409747



4473674



1966218



131082



# Previews

## White Background



This preview shows how the Decimal color 8754002 looks on a white background.

## Color Contrast Check

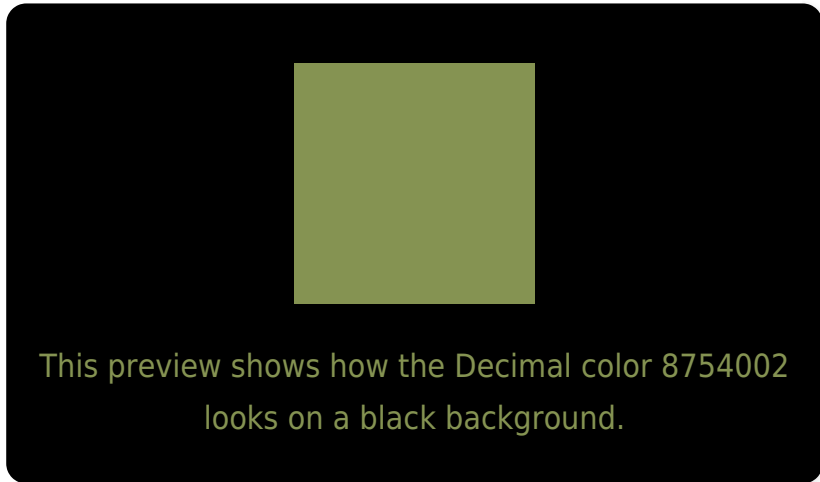
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

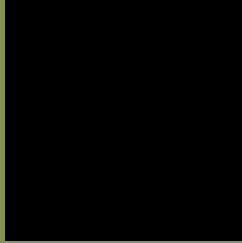
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8754002 Background



This preview shows how black text looks on a background with the Decimal color 8754002.




This preview shows how white text looks on a background with the Decimal color 8754002.

# 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





**Tritanopia**  
9276310

# Trichromacy



**Original Color**  
8754002

**Protanomaly**  
9604945

**Deuteranomaly**  
10324820

**Tritanomaly**  
9080445

# Monochromacy



**Original Color**  
8754002

**Achromatopsia**  
8882055

**Achromatomaly**  
8817524

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8754002 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 #859352 looks like.

```
.text, #text, p{  
    color:#859352  
}
```

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 #859352 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859352
}
```

## Border

The CSS property to change the border of an element to Decimal 8754002 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
#859352 }
```

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

```
.border{ border-color:#859352 }
```

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

Here you see how a box with a 4 pixel #859352 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859352; -webkit-box-shadow:4px 4px  
4px 4px #859352; box-shadow:4px 4px 4px  
4px #859352 }
```

# Background

The CSS property to change the background color of an element to Decimal 8754002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859352 }
```

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

```
.background{ background-color:#859352 }
```

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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