

# Converting Colors

Decimal(8551003)

Have a look what the booklet for  
Decimal(8551003) contains.

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**Color**

**Decimal(8551003)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	827A5B
RGB	130, 122, 91
RGB Percent	51%, 48%, 36%
CMY	0.4902, 0.5216, 0.6431
CMYK	0.00, 0.06, 0.30, 0.49
HSL	48°, 18%, 43%
HSV	48°, 30%, 51%
XYZ	18.0538, 19.4202, 12.6945
YIQ	120.8580, 14.7190, -7.9450

# Conversions

## Conversions Part 2

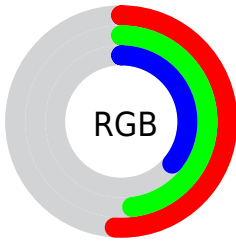
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 130, 91
Decimal	8551003
CIELab	51.18, -2.13, 18.11
CIELCh	51, 18.240, 96.709
Yxy	19.4202, 0.3599, 0.3871
Android (android.graphics.Color)	4286741083 (0xFF827A5B)
YUV	120.8580, -14.7200, 8.0175
Hunter-Lab	44.0684, -3.9924, 13.7686

# Details

The Decimal color **8551003** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5989250**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **12037773**, and **5261869** is the 20% darker color. If you saturate the color by 10%, you get **8550222**, and if you desaturate by 10%, it is **8551784**.

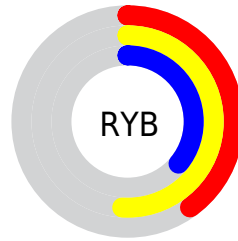
# Distribution



Red (51%)

Green (48%)

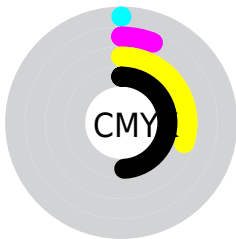
Blue (36%)



Red (40%)

Yellow (51%)

Blue (36%)

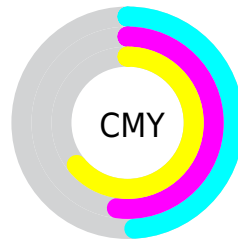


Cyan (0%)

Magenta (6%)

Yellow (30%)

Black (49%)



Cyan (49%)

Magenta (52%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8551003 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 8551003 by changing the saturation by 10% instead.



 8551003

 8551003

16777215

 6906179

 12037773

 5261869

 13879976

 3683096

 15787715

 2366976

 16777183

 67072

 16777212

 0

 8551003

 8551003

 8550222

 8551784

 8549697

 8552309

■ 8548916

■ 8553090

■ 8548135

■ 8553871

■ 8547610

■ 8554396

■ 8546829

■ 8555177

■ 8546048

■ 8555958

■ 8556483

■ 8557264

# Harmonies

## Analogous

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



9467230



8551003



7438177

# Triad

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



8551003



5145228



9531527

# Complementary

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



8551003



5989250

# 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.



8484243



8551003



5799830

# Square

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



8551003



5342077



7109273



1005543

# Rectangle

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



8551003



6652264



7109273



9204363



# Sweetspot

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



8551003



11052441



8543075



5526091



13948116



5526612



# Same Dimension

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



8551003



11050092



7832155



4210233



8414464



0



# Inverse Universe

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



5989250



7108776



6708098



3750720



6784



0



# Previews

## White Background



This preview shows how the Decimal color 8551003 looks on a white background.

## Color Contrast Check

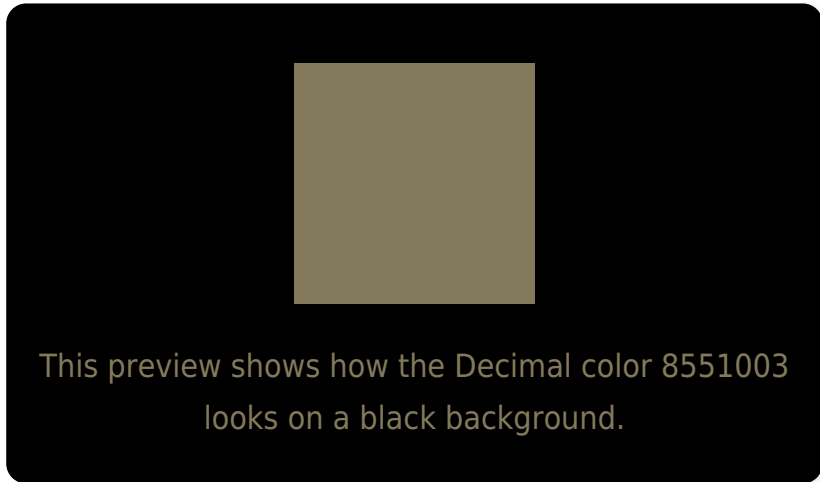
Large Text (above 18pt) WCAG AA ✓ Pass

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

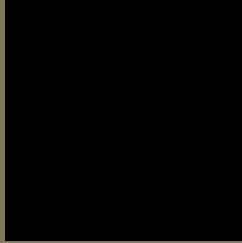
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8551003 Background



This preview shows how black text looks on a background with the Decimal color 8551003.



This preview shows how white text looks on a background with the Decimal color 8551003.

# 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**

8551003

**Protanopia**

8616539

**Deuteranopia**

9467228



**Tritanopia**  
8811902

# Trichromacy



**Original Color**  
8551003

**Protanomaly**  
8616539

**Deuteranomaly**  
9140060

**Tritanomaly**  
8746865

# Monochromacy



**Original Color**  
8551003

**Achromatopsia**  
7960953

**Achromatomaly**  
8157550

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8551003 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 #827A5B looks like.

```
.text, #text, p{  
    color:#827A5B  
}
```

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 #827A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827A5B
}
```

## Border

The CSS property to change the border of an element to Decimal 8551003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

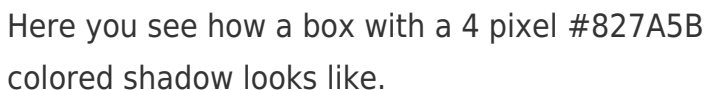
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#827A5B }
```

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

```
.border{ border-color:#827A5B }
```

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



Here you see how a box with a 4 pixel #827A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827A5B; -webkit-box-shadow:4px 4px  
4px 4px #827A5B; box-shadow:4px 4px 4px  
4px #827A5B }
```

# Background

The CSS property to change the background color of an element to Decimal 8551003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827A5B }
```

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

```
.background{ background-color:#827A5B }
```

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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