

# Converting Colors

Decimal(8928550)

Have a look what the booklet for  
Decimal(8928550) contains.

<b>Decimal(8928550)</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(8928550)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	883D26
RGB	136, 61, 38
RGB Percent	53%, 24%, 15%
CMY	0.4667, 0.7608, 0.8510
CMYK	0.00, 0.55, 0.72, 0.47
HSL	14°, 56%, 34%
HSV	14°, 72%, 53%
XYZ	12.1719, 8.7117, 2.8737
YIQ	80.8030, 52.0830, 8.7470

# Conversions

## Conversions Part 2

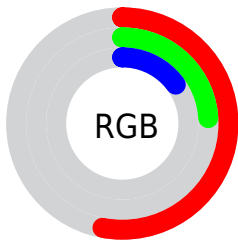
Format	Color
<a href="#">RYB</a>	<a href="#">136, 68, 38</a>
Decimal	<a href="#">8928550</a>
CIELab	<a href="#">35.42, 30.37, 29.11</a>
CIElCh	<a href="#">35, 42.073, 43.787</a>
Yxy	<a href="#">8.7117, 0.5123, 0.3667</a>
Android (android.graphics.Color)	<a href="#">4287118630 (0xFF883D26)</a>
YUV	<a href="#">80.8030, -21.1019, 48.4078</a>
Hunter-Lab	<a href="#">29.5155, 21.9596, 14.8882</a>

# Details

The Decimal color **8928550** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2519432**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **12742484**, and **5311488** is the 20% darker color. If you saturate the color by 10%, you get **8925976**, and if you desaturate by 10%, it is **8931124**.

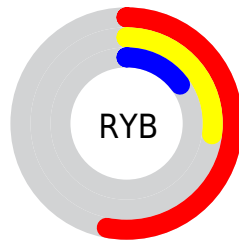
# Distribution



Red (53%)

Green (24%)

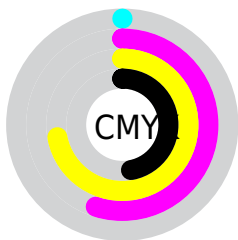
Blue (15%)



Red (53%)

Yellow (27%)

Blue (15%)

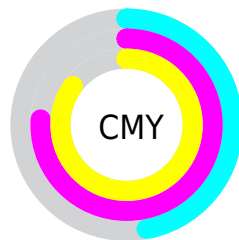


Cyan (0%)

Magenta (55%)

Yellow (72%)

Black (47%)



Cyan (47%)

Magenta (76%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8928550 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 8928550 by changing the saturation by 10% instead.



 8928550

 8928550

16777215

 7087377

 12742484

 5311488

 14649452

 3538944

 16688006

 1507328

 16760736

 0

 16767931

 16775127

 16777204

 8928550

 8928550

■ 8925976

■ 8931124

■ 8923147

■ 8933953

■ 8921088

■ 8936527

■ 8939356

■ 8941930

■ 8944504

■ 8947333

■ 8949907

■ 8952736

# Harmonies

## Analogous

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



9450309



8928550



7555852

# Triad

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



8928550



25151



2904725

# Complementary

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



8928550



2519432

# 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.



23700



8928550



25442

# Square

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



8928550



3104287



25217



6898564

# Rectangle

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



8928550



6312708



25217



22167



# Sweetspot

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



8928550



11571849



8922737



5850946



14277081



5855577



# Same Dimension

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



8928550



11549721



8941094



4538430



8724224



327936



# Inverse Universe

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



2519432



1674416



2506888



4080453



25989



1029



# Previews

## White Background



This preview shows how the Decimal color 8928550 looks on a white background.

## Color Contrast Check

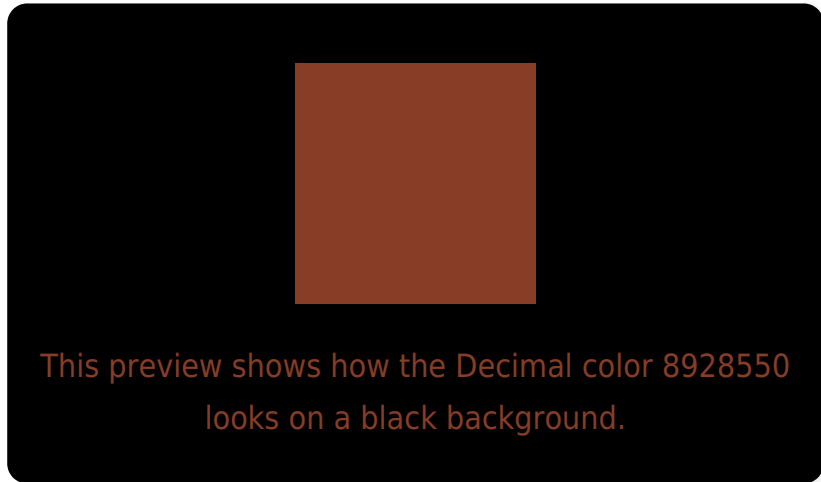
Large Text (above 18pt) WCAG AA ✓ Pass

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

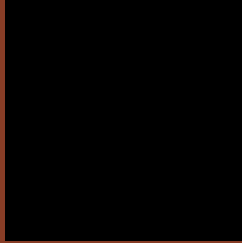
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8928550 Background



This preview shows how black text looks on a background with the Decimal color 8928550.



This preview shows how white text looks on a background with the Decimal color 8928550.

# 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**  
8928550

**Protanopia**  
6116397

**Deuteranopia**  
6901794



# Trichromacy



**Original Color**  
8928550

**Protanomaly**  
7162922

**Deuteranomaly**  
7620899

**Tritanomaly**  
8993589

# Monochromacy



**Original Color**  
8928550

**Achromatopsia**  
5329233

**Achromatomaly**  
6638145

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8928550 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 #883D26 looks like.

```
.text, #text, p{  
  color:#883D26  
}
```

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 #883D26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #883D26
}
```

## Border

The CSS property to change the border of an element to Decimal 8928550 is called "border". The border property can be set on classes, ids or directly on the HTML element.

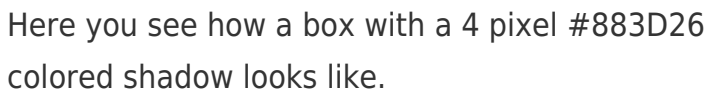
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#883D26 }
```

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

```
.border{ border-color:#883D26 }
```

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



Here you see how a box with a 4 pixel #883D26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #883D26; -webkit-box-shadow:4px 4px  
4px 4px #883D26; box-shadow:4px 4px 4px  
4px #883D26 }
```

# Background

The CSS property to change the background color of an element to Decimal 8928550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#883D26 }
```

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

```
.background{ background-color:#883D26 }
```

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