

# Converting Colors

Decimal(8004913)

Have a look what the booklet for  
Decimal(8004913) contains.

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**Color**

**Decimal(8004913)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A2531
RGB	122, 37, 49
RGB Percent	48%, 15%, 19%
CMY	0.5216, 0.8549, 0.8078
CMYK	0.00, 0.70, 0.60, 0.52
HSL	352°, 53%, 31%
HSV	352°, 70%, 48%
XYZ	9.2420, 5.6825, 3.5154
YIQ	63.7830, 46.8080, 21.7520

# Conversions

## Conversions Part 2

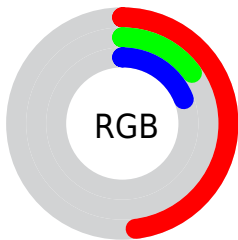
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 37, 49
Decimal	8004913
CIELab	28.60, 37.69, 13.21
CIELCh	29, 39.940, 19.308
Yxy	5.6825, 0.5012, 0.3082
Android (android.graphics.Color)	4286194993 (0xFF7A2531)
YUV	63.7830, -7.2880, 51.0563
Hunter-Lab	23.8379, 27.4883, 7.9429

# Details

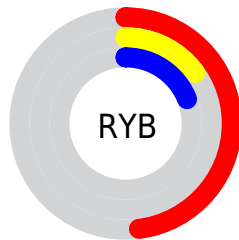
The Decimal color **8004913** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2456174**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **11753567**, and **4456450** is the 20% darker color. If you saturate the color by 10%, you get **8001831**, and if you desaturate by 10%, it is **8007995**.

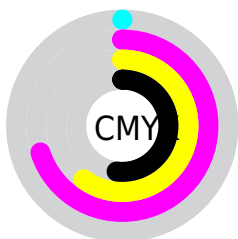
# Distribution



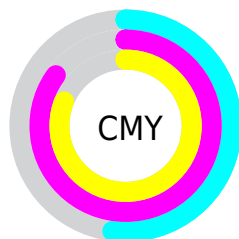
- Red (48%)
- Green (15%)
- Blue (19%)



- Red (48%)
- Yellow (15%)
- Blue (19%)



- Cyan (0%)
- Magenta (70%)
- Yellow (60%)
- Black (52%)



- Cyan (52%)
- Magenta (85%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8004913 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 8004913 by changing the saturation by 10% instead.



8004913

8004913

16777215

6162460

11753567

4456450

13660536

2883585

15568017

0

16754604

16761543

16768995

16776447

8004913

8004913

■ 8001831

■ 8007995

■ 7998748

■ 8011078

■ 7995410

■ 8014416

■ 7995409

■ 8017499

■ 8020581

■ 8023664

■ 8026746

■ 8030085

■ 8033167

# Harmonies

## Analogous

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



7677264



8004913



7352597

# Triad

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



8004913



1527320



19072

# Complementary

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



8004913



2456174

# 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.



20594



8004913



20791

# Square

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



8004913



4147200



21079



2834558

# Rectangle

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



8004913



6502915



21079



19837



# Sweetspot

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



8004913



10386818



7153018



5192510



13619151



5197647



# Same Dimension

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



8004913



10361132



8012581



4011832



8192018



16515108



# Inverse Universe

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



8004913



10361132



2448506



4011832



8192018

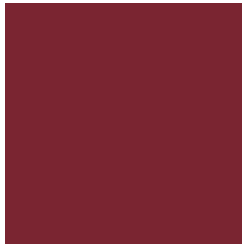


16515108



# Previews

## White Background



This preview shows how the Decimal color 8004913 looks on a white background.

## Color Contrast Check

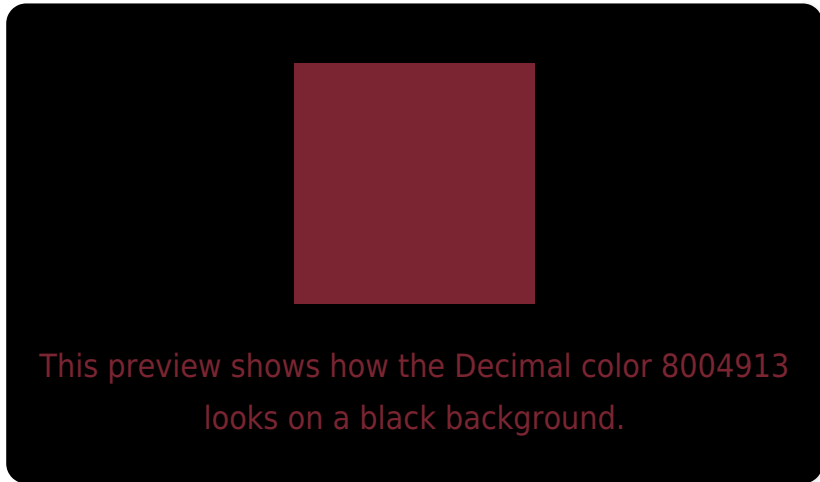
Large Text (above 18pt) WCAG AA ✓ Pass

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 8004913 Background



This preview shows how black text looks on a background with the Decimal color 8004913.



This preview shows how white text looks on a background with the Decimal color 8004913.

# 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**  
8004913

**Protanopia**  
4670527

**Deuteranopia**  
5456429



**Tritanopia**  
8005417

# Trichromacy



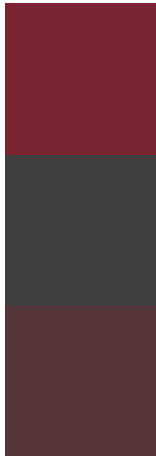
**Original Color**  
8004913

**Protanomaly**  
5912890

**Deuteranomaly**  
6371118

**Tritanomaly**  
8005164

# Monochromacy



**Original Color**  
8004913

**Achromatopsia**  
4210752

**Achromatomaly**  
5584443

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8004913 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 #7A2531 looks like.

```
.text, #text, p{  
    color:#7A2531  
}
```

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 #7A2531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2531
}
```

## Border

The CSS property to change the border of an element to Decimal 8004913 is called "border". The border property can be set on classes, ids or directly on the HTML element.

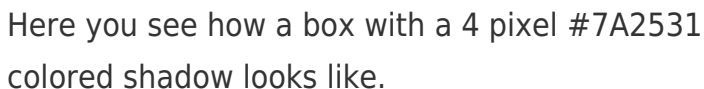
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A2531 }
```

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

```
.border{ border-color:#7A2531 }
```

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



Here you see how a box with a 4 pixel #7A2531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2531; -webkit-box-shadow:4px 4px  
4px 4px #7A2531; box-shadow:4px 4px 4px  
4px #7A2531 }
```

# Background

The CSS property to change the background color of an element to Decimal 8004913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2531 }
```

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

```
.background{ background-color:#7A2531 }
```

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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