

# Converting Colors

Decimal(8000803)

Have a look what the booklet for  
Decimal(8000803) contains.

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**Color**

**Decimal(8000803)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A1523
RGB	122, 21, 35
RGB Percent	48%, 8%, 14%
CMY	0.5216, 0.9176, 0.8627
CMYK	0.00, 0.83, 0.71, 0.52
HSL	352°, 71%, 28%
HSV	352°, 83%, 48%
XYZ	8.5976, 4.7953, 2.0625
YIQ	52.7950, 55.7020, 25.7660

# Conversions

## Conversions Part 2

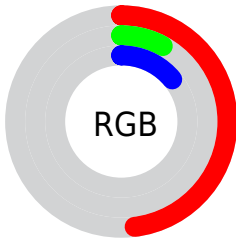
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 21, 35
Decimal	8000803
CIE Lab	26.14, 42.80, 19.35
CIE LCh	26, 46.966, 24.326
Yxy	4.7953, 0.5563, 0.3103
Android (android.graphics.Color)	4286190883 (0xFF7A1523)
YUV	52.7950, -8.7729, 60.6928
Hunter-Lab	21.8981, 31.7607, 9.7442

# Details

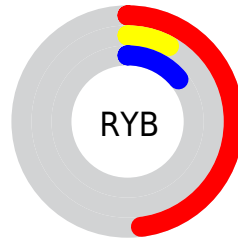
The Decimal color **8000803** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1407596**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **11816015**, and **4325376** is the 20% darker color. If you saturate the color by 10%, you get **7997720**, and if you desaturate by 10%, it is **8003886**.

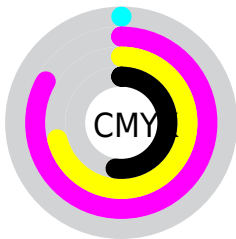
# Distribution



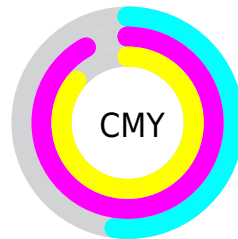
- Red (48%)
- Green (8%)
- Blue (14%)



- Red (48%)
- Yellow (8%)
- Blue (14%)



- Cyan (0%)
- Magenta (83%)
- Yellow (71%)
- Black (52%)



- Cyan (52%)
- Magenta (92%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8000803 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 8000803 by changing the saturation by 10% instead.



8000803

8000803

16777215

6160398

11816015

4325376

13788775

2555905

15761536

0

16751514

16758709

16765905

16773357

8000803

8000803

■ 7997720

■ 8003886

■ 7995409

■ 8006968

■ 8010307

■ 8013389

■ 8016472

■ 8019554

■ 8022637

■ 8025975

■ 8029058

# Harmonies

## Analogous

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



7868230



8000803



7088640

# Triad

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



8000803



18959



17798

# Complementary

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



8000803



1407596

# 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.



19320



8000803



19766

# Square

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



8000803



3228672



19802



2701184

# Rectangle

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



8000803



6042880



19802



18307



# Sweetspot

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



8000803



10385276



7017850



5191483



13619151



5197647



# Same Dimension

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



8000803



10355223



8009749



4011832



8192017



16515107



# Inverse Universe

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



8000803



10355223



1398650



4011832



8192017

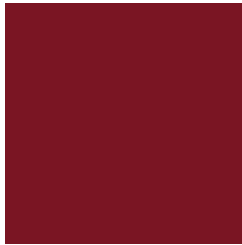


16515107



# Previews

## White Background



This preview shows how the Decimal color 8000803 looks on a white background.

## Color Contrast Check

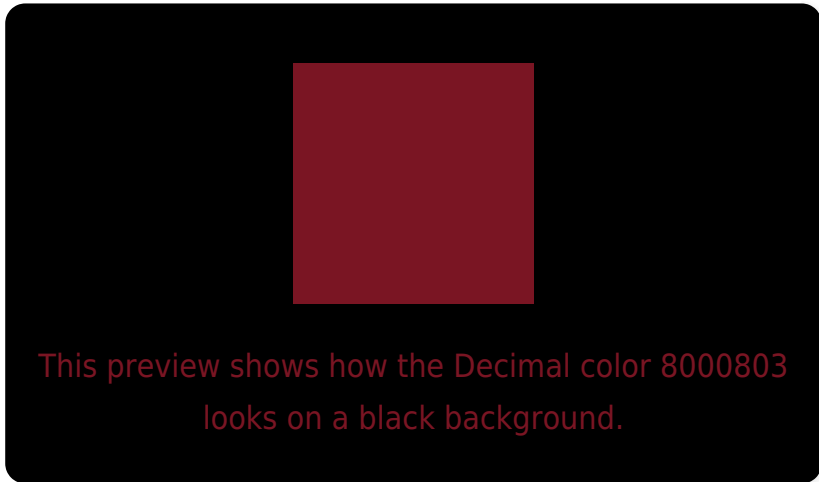
Large Text (above 18pt) WCAG AA ✓ Pass

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 8000803 Background



This preview shows how black text looks on a background with the Decimal color 8000803.

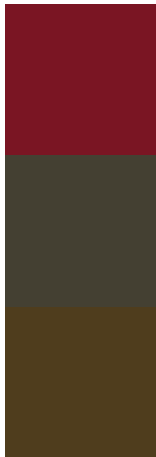


This preview shows how white text looks on a background with the Decimal color 8000803.

# 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**  
8000803

**Protanopia**  
4472882

**Deuteranopia**  
5192989



# Trichromacy



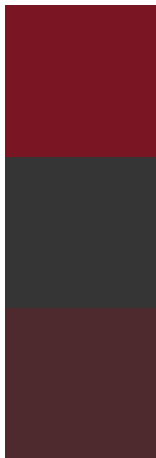
**Original Color**  
8000803

**Protanomaly**  
5779501

**Deuteranomaly**  
6237727

**Tritanomaly**  
8001051

# Monochromacy



**Original Color**  
8000803

**Achromatopsia**  
3487029

**Achromatomaly**  
5122350

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8000803 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 #7A1523 looks like.

```
.text, #text, p{  
  color:#7A1523  
}
```

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 #7A1523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A1523
}
```

## Border

The CSS property to change the border of an element to Decimal 8000803 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
#7A1523 }
```

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

```
.border{ border-color:#7A1523 }
```

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

Here you see how a box with a 4 pixel #7A1523 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A1523; -webkit-box-shadow:4px 4px  
4px 4px #7A1523; box-shadow:4px 4px 4px  
4px #7A1523 }
```

# Background

The CSS property to change the background color of an element to Decimal 8000803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A1523 }
```

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

```
.background{ background-color:#7A1523 }
```

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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