

# Converting Colors

Decimal(8133966)

Have a look what the booklet for  
Decimal(8133966) contains.

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**Color**

**Decimal(8133966)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C1D4E
RGB	124, 29, 78
RGB Percent	49%, 11%, 31%
CMY	0.5137, 0.8863, 0.6941
CMYK	0.00, 0.77, 0.37, 0.51
HSL	329°, 62%, 30%
HSV	329°, 77%, 49%
XYZ	10.1267, 5.7139, 7.7769
YIQ	62.9910, 40.8910, 35.3790

# Conversions

## Conversions Part 2

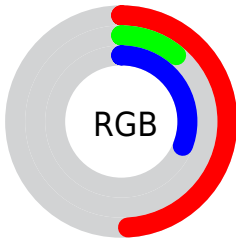
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 29, 78
Decimal	8133966
CIE Lab	28.68, 44.45, -5.95
CIE LCh	29, 44.850, 352.378
Yxy	5.7139, 0.4288, 0.2419
Android (android.graphics.Color)	4286324046 (0xFF7C1D4E)
YUV	62.9910, 7.3994, 53.5049
Hunter-Lab	23.9037, 33.7892, -2.5569

# Details

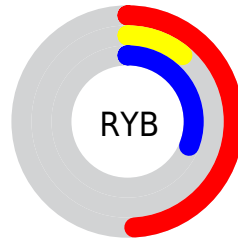
The Decimal color **8133966** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1932363**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **11817855**, and **4587554** is the 20% darker color. If you saturate the color by 10%, you get **8130888**, and if you desaturate by 10%, it is **8137044**.

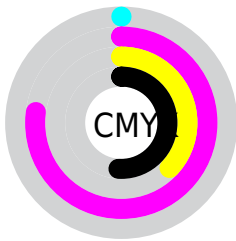
# Distribution



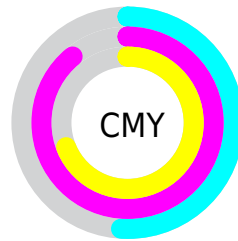
- Red (49%)
- Green (11%)
- Blue (31%)



- Red (49%)
- Yellow (11%)
- Blue (31%)



- Cyan (0%)
- Magenta (77%)
- Yellow (37%)
- Black (51%)



- Cyan (51%)
- Magenta (89%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8133966 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 8133966 by changing the saturation by 10% instead.




 8133966

 8133966

16777215

 6357047

 11817855

 4587554

 13725081

 3145739

 15632308

 0

 16753615

 16760555

 16767999

 16775423

 8133966

 8133966

■ 8130888

■ 8137044

■ 8127554

■ 8140378

■ 8126528

■ 8143456

■ 8146790

■ 8149868

■ 8152946

■ 8156280

■ 8159358

■ 8162692

# Harmonies

## Analogous

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



6565230



8133966



8331052

# Triad

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



8133966



3820032



20858

# Complementary

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



8133966



1932363

# 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.



21341



8133966



20501

# Square

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



8133966



5914368



21049



19337

# Rectangle

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



8133966



7875094



21049



21106



# Sweetspot

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



8133966



10583183



4922748



5389127



13750737



5395026



# Same Dimension

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



8133966



10554713



8133919



4011834



8192064



16515202



# Inverse Universe

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



8133966



10554713



1932410



4011834



8192064

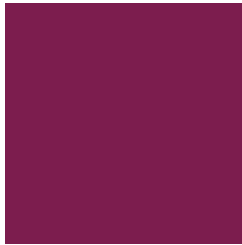


16515202



# Previews

## White Background



This preview shows how the Decimal color 8133966 looks on a white background.

## Color Contrast Check

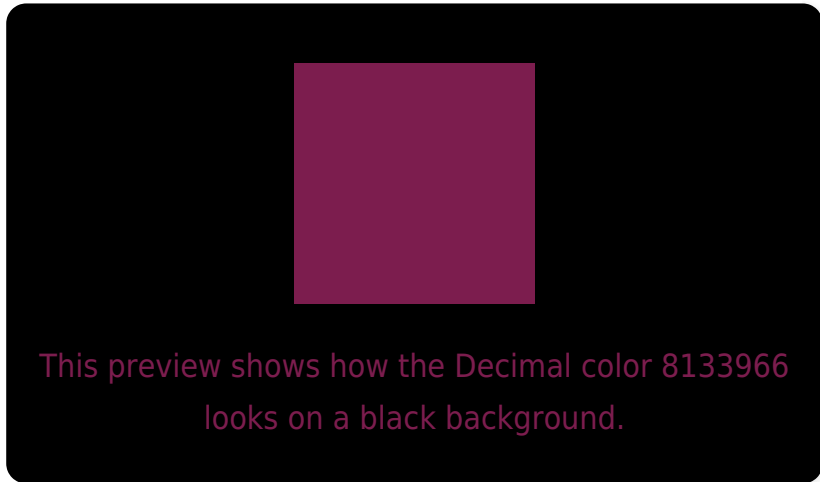
Large Text (above 18pt) WCAG AA ✓ Pass

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

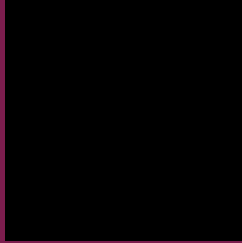
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 8133966 Background



This preview shows how black text looks on a background with the Decimal color 8133966.

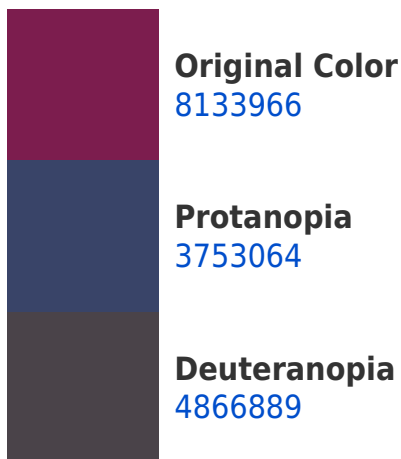


This preview shows how white text looks on a background with the Decimal color 8133966.

# 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





# Trichromacy



**Original Color**  
8133966

**Protanomaly**  
5322335

**Deuteranomaly**  
6042955

**Tritanomaly**  
8070199

# Monochromacy



**Original Color**  
8133966

**Achromatopsia**  
4144959

**Achromatomaly**  
5583684

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8133966 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 #7C1D4E looks like.

```
.text, #text, p{  
    color:#7C1D4E  
}
```

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 #7C1D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C1D4E
}
```

## Border

The CSS property to change the border of an element to Decimal 8133966 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
#7C1D4E }
```

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

```
.border{ border-color:#7C1D4E }
```

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

Here you see how a box with a 4 pixel #7C1D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C1D4E; -webkit-box-shadow:4px 4px  
4px 4px #7C1D4E; box-shadow:4px 4px 4px  
4px #7C1D4E }
```

# Background

The CSS property to change the background color of an element to Decimal 8133966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C1D4E }
```

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

```
.background{ background-color:#7C1D4E }
```

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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