

# Converting Colors

Decimal(8199936)

Have a look what the booklet for  
Decimal(8199936) contains.

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**Color**

**Decimal(8199936)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D1F00
RGB	125, 31, 0
RGB Percent	49%, 12%, 0%
CMY	0.5098, 0.8784, 1.0000
CMYK	0.00, 0.75, 1.00, 0.51
HSL	15°, 100%, 25%
HSV	15°, 100%, 49%
XYZ	8.9474, 5.3399, 0.5591
YIQ	55.5720, 65.9750, 10.2870

# Conversions

## Conversions Part 2

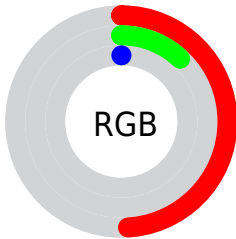
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	125, 41, 0
Decimal	8199936
CIE Lab	27.68, 39.17, 39.73
CIE LCh	28, 55.790, 45.409
Yxy	5.3399, 0.6027, 0.3597
Android (android.graphics.Color)	4286390016 (0xFF7D1F00)
YUV	55.5720, -27.3970, 60.8884
Hunter-Lab	23.1083, 28.6748, 14.7412

# Details

The Decimal color **8199936** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **24189**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **12145199**, and **4390912** is the 20% darker color. If you saturate the color by 10%, you get **8199936**, and if you desaturate by 10%, it is **8202252**.

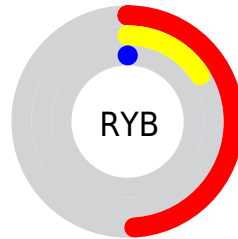
# Distribution



Red (49%)

Green (12%)

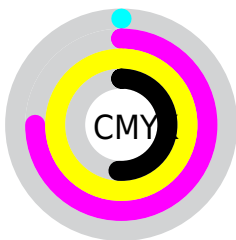
Blue (0%)



Red (49%)

Yellow (16%)

Blue (0%)

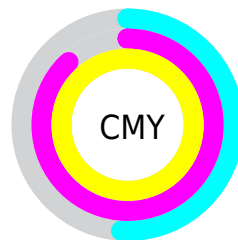


Cyan (0%)

Magenta (75%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (88%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8199936 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 8199936 by changing the saturation by 10% instead.



 8199936

 8199936

 16777189

 6291456

 12145199

 4390912

 14117959

 2752513

 16156255

 0

 16753016

 16760210

 16767405

 16774857

 8199936

 8202252

 8204825


 8207142

 8209714

 8212031

 8214347

 8216919

 8219236

 8221809

# Harmonies

## Analogous

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



9044014



8199936



6436864

# Triad

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



8199936



21034



16533

# Complementary

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



8199936



24189

# 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.



19861



8199936



21335

# Square

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



8199936



19968



21118



6039678

# Rectangle

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



8199936



4866560



21118



17816



# Sweetspot

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



8199936



10714738



8192096



5389364



13750737



5395026



# Same Dimension

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



8199936



10692608



8215552



4209465



8396800



0



# Inverse Universe

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



24189



31651



8573



3751488



24704

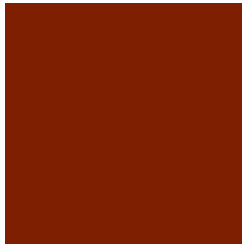


0



# Previews

## White Background



This preview shows how the Decimal color 8199936 looks on a white background.

## Color Contrast Check

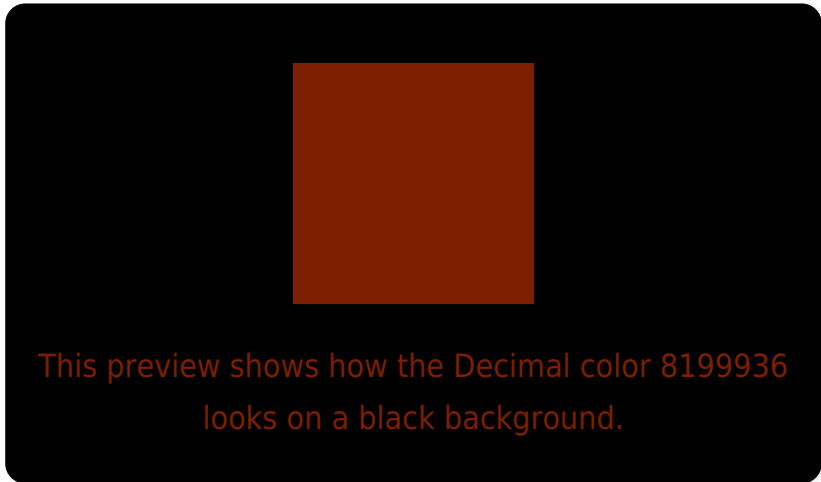
Large Text (above 18pt) WCAG AA ✓ Pass

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 8199936 Background



This preview shows how black text looks on a background with the Decimal color 8199936.



This preview shows how white text looks on a background with the Decimal color 8199936.

# 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**  
8199936

**Protanopia**  
4997902

**Deuteranopia**  
5586944



**Tritanopia**  
8199454

# Trichromacy



**Original Color**  
8199936

**Protanomaly**  
6174217

**Deuteranomaly**  
6566912

**Tritanomaly**  
8199699

# Monochromacy



**Original Color**  
8199936

**Achromatopsia**  
3684408

**Achromatomaly**  
5320484

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8199936 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 #7D1F00 looks like.

```
.text, #text, p{  
  color:#7D1F00  
}
```

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 #7D1F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D1F00
}
```

## Border

The CSS property to change the border of an element to Decimal 8199936 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".

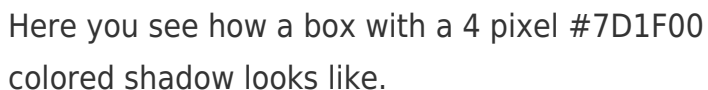
```
.border, #border, table{ border:4px solid
#7D1F00 }
```

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

```
.border{ border-color:#7D1F00 }
```

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

Here you see how a box with a 4 pixel #7D1F00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D1F00; -webkit-box-shadow:4px 4px  
4px 4px #7D1F00; box-shadow:4px 4px 4px  
4px #7D1F00 }
```

# Background

The CSS property to change the background color of an element to Decimal 8199936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D1F00 }
```

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

```
.background{ background-color:#7D1F00 }
```

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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