

# Converting Colors

Decimal(8395804)

Have a look what the booklet for  
Decimal(8395804) contains.

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**Color**

**Decimal(8395804)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	801C1C
RGB	128, 28, 28
RGB Percent	50%, 11%, 11%
CMY	0.4980, 0.8902, 0.8902
CMYK	0.00, 0.78, 0.78, 0.50
HSL	0°, 64%, 31%
HSV	0°, 78%, 50%
XYZ	9.5269, 5.5035, 1.6588
YIQ	57.9000, 59.6000, 21.2000

# Conversions

## Conversions Part 2

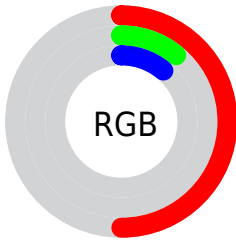
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 28, 28
Decimal	8395804
CIE <sub>Lab</sub>	28.12, 42.07, 26.50
CIE <sub>LCh</sub>	28, 49.720, 32.201
Yxy	5.5035, 0.5708, 0.3298
Android (android.graphics.Color)	4286585884 (0xFF801C1C)
YUV	57.9000, -14.7407, 61.4777
Hunter-Lab	23.4596, 31.4344, 12.2295

# Details

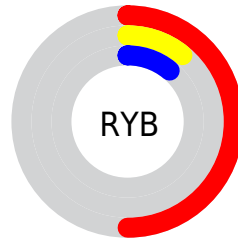
The Decimal color **8395804** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1867904**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **12276040**, and **4653056** is the 20% darker color. If you saturate the color by 10%, you get **8392463**, and if you desaturate by 10%, it is **8399145**.

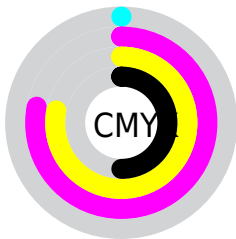
# Distribution



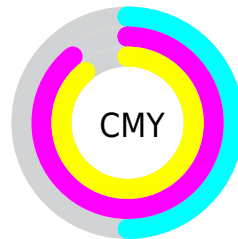
- Red (50%)
- Green (11%)
- Blue (11%)



- Red (50%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (78%)
- Yellow (78%)
- Black (50%)



- Cyan (50%)
- Magenta (89%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8395804 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 8395804 by changing the saturation by 10% instead.



 8395804

 8395804

16777215

 6488068

 12276040

 4653056

 14248800

 3014658

 16221817

 0

 16753042

 16759981

 16767432

 16774885

 8395804

 8395804

■ 8392463

■ 8399145

■ 8389122

■ 8402486

■ 8388608

■ 8405570

■ 8408911

■ 8412252

■ 8415593

■ 8418934

■ 8422018

■ 8425359

# Harmonies

## Analogous

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



8588609



8395804



7156224

# Triad

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



8395804



20508



18320

# Complementary

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



8395804



1867904

# 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.



20358



8395804



21316

# Square

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



8395804



2640640



21098



4339588

# Rectangle

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



8395804



5979392



21098



19087



# Sweetspot

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



8395804



10911872



8395904



5520701



13948116



5526612



# Same Dimension

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



8395804



10881546



8408604



4208953



8388608



0



# Inverse Universe

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



1867904



698022



1855104



3752000



32896



0



# Previews

## White Background



This preview shows how the Decimal color 8395804 looks on a white background.

## Color Contrast Check

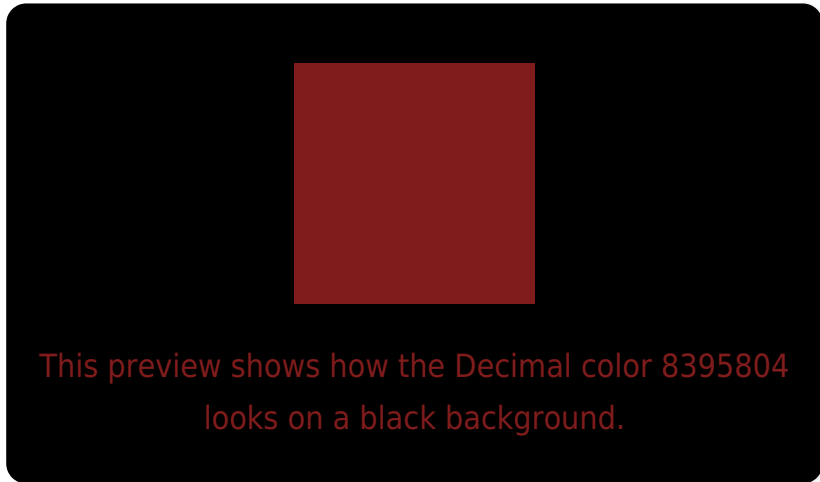
Large Text (above 18pt) WCAG AA ✓ Pass

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 8395804 Background



This preview shows how black text looks on a background with the Decimal color 8395804.

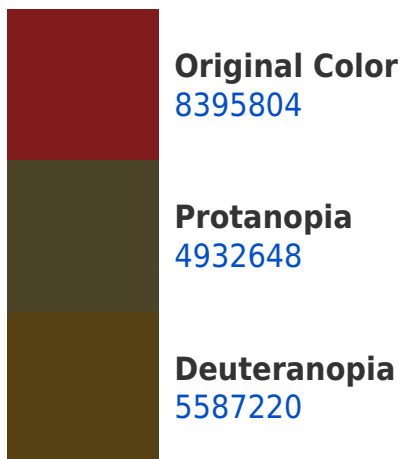


This preview shows how white text looks on a background with the Decimal color 8395804.

# 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





**Tritanopia**  
8395804

# Trichromacy



**Original Color**

8395804

**Protanomaly**

6173988

**Deuteranomaly**

6632471

**Tritanomaly**

8395804

# Monochromacy



**Original Color**

8395804

**Achromatopsia**

3815994

**Achromatomaly**

5451567

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8395804 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 #801C1C looks like.

```
.text, #text, p{  
  color:#801C1C  
}
```

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 #801C1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #801C1C
}
```

## Border

The CSS property to change the border of an element to Decimal 8395804 is called "border". The border property can be set on classes, ids or directly on the HTML element.

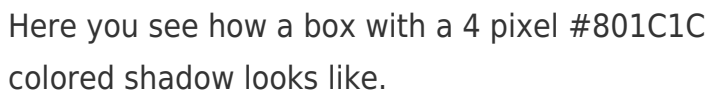
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#801C1C }
```

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

```
.border{ border-color:#801C1C }
```

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



Here you see how a box with a 4 pixel #801C1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #801C1C; -webkit-box-shadow:4px 4px  
4px 4px #801C1C; box-shadow:4px 4px 4px  
4px #801C1C }
```

# Background

The CSS property to change the background color of an element to Decimal 8395804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#801C1C }
```

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

```
.background{ background-color:#801C1C }
```

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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