

# Converting Colors

Decimal(8993801)

Have a look what the booklet for  
Decimal(8993801) contains.

<b>Decimal(8993801)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(8993801)**

# Conversions

## Conversions Part 1

Format	Color
Hex	893C09
RGB	137, 60, 9
RGB Percent	54%, 24%, 4%
CMY	0.4627, 0.7647, 0.9647
CMYK	0.00, 0.56, 0.93, 0.46
HSL	24°, 88%, 29%
HSV	24°, 93%, 54%
XYZ	11.9817, 8.5698, 1.2811
YIQ	77.2090, 62.2630, 0.4630

# Conversions

## Conversions Part 2

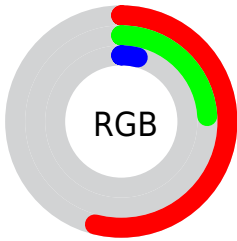
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 94, 9
Decimal	8993801
CIE <sub>Lab</sub>	35.14, 30.26, 42.69
CIE <sub>LCh</sub>	35, 52.327, 54.665
Yxy	8.5698, 0.5488, 0.3925
Android (android.graphics.Color)	4287183881 (0xFF893C09)
YUV	77.2090, -33.6270, 52.4367
Hunter-Lab	29.2742, 21.8286, 17.8974

# Details

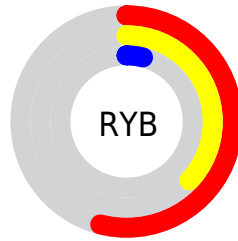
The Decimal color **8993801** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **611977**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **12873018**, and **5245696** is the 20% darker color. If you saturate the color by 10%, you get **8992512**, and if you desaturate by 10%, it is **8995863**.

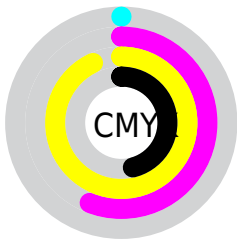
# Distribution



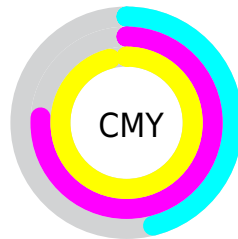
- Red (54%)
- Green (24%)
- Blue (4%)



- Red (54%)
- Yellow (37%)
- Blue (4%)



- Cyan (0%)
- Magenta (56%)
- Yellow (93%)
- Black (46%)



- Cyan (46%)
- Magenta (76%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8993801 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 8993801 by changing the saturation by 10% instead.





8993801



8993801



16777204



7152640



12873018



5245696



14845779



3473408



16753260



1376256



16760197



0



16767392



16774843



16777175



8993801



8993801

■ 8992512

■ 8995863

■ 8997924

■ 9000242

■ 9002304

■ 9004366

■ 9006427

■ 9008745

■ 9010807

■ 9012868

# Harmonies

## Analogous

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



10102579



8993801



7032320

# Triad

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



8993801



25930



4148127

# Complementary

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



8993801



611977

# 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.



23206



8993801



25972

# Square

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



8993801



24862



25239



8205700

# Rectangle

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



8993801



5396224



25239



283044



# Sweetspot

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



8993801



11768961



8980824



5850939



14277081



5855577



# Same Dimension

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



8993801



11749120



9009673



4538686



8729856



328192



# Inverse Universe

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



611977



27571



596105



4080197



20613



773



# Previews

## White Background



This preview shows how the Decimal color 8993801 looks on a white background.

## Color Contrast Check

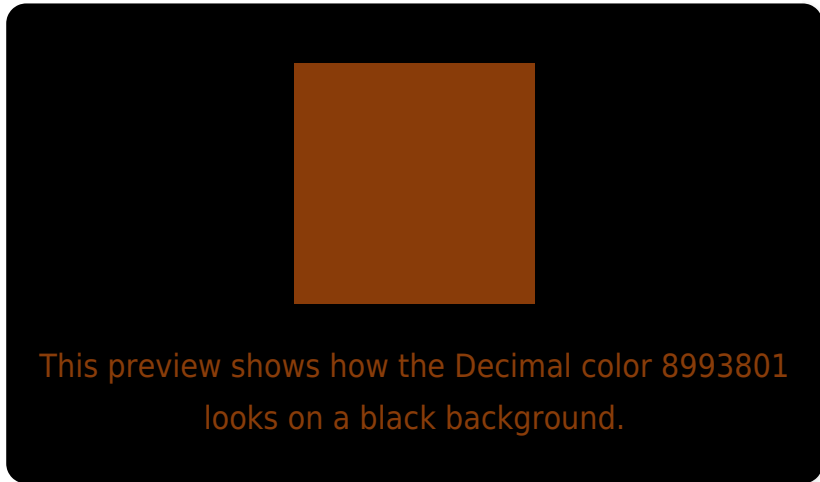
Large Text (above 18pt) WCAG AA ✓ Pass

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 8993801 Background



This preview shows how black text looks on a background with the Decimal color 8993801.



This preview shows how white text looks on a background with the Decimal color 8993801.

# 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**  
8993801

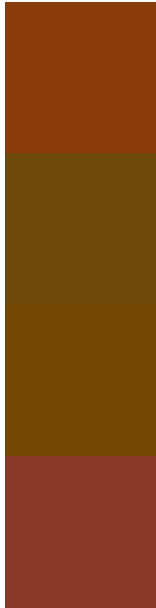
**Protanopia**  
6181904

**Deuteranopia**  
6967040



**Tritanopia**  
9123899

# Trichromacy



**Original Color**  
8993801

**Protanomaly**  
7228173

**Deuteranomaly**  
7686147

**Tritanomaly**  
9058601

# Monochromacy



**Original Color**  
8993801

**Achromatopsia**  
5066061

**Achromatomaly**  
6506292

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8993801 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 #893C09 looks like.

```
.text, #text, p{  
  color:#893C09  
}
```

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 #893C09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #893C09
}
```

## Border

The CSS property to change the border of an element to Decimal 8993801 is called "border". The border property can be set on classes, ids or directly on the HTML element.

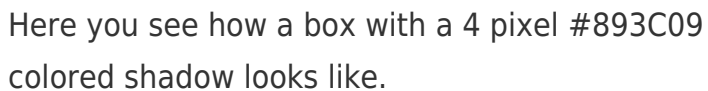
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#893C09 }
```

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

```
.border{ border-color:#893C09 }
```

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



Here you see how a box with a 4 pixel #893C09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #893C09; -webkit-box-shadow:4px 4px  
4px 4px #893C09; box-shadow:4px 4px 4px  
4px #893C09 }
```

# Background

The CSS property to change the background color of an element to Decimal 8993801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#893C09 }
```

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

```
.background{ background-color:#893C09 }
```

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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