

# Converting Colors

Decimal(8939010)

Have a look what the booklet for  
Decimal(8939010) contains.

<b>Decimal(8939010)</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(8939010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	886602
RGB	136, 102, 2
RGB Percent	53%, 40%, 1%
CMY	0.4667, 0.6000, 0.9922
CMYK	0.00, 0.25, 0.99, 0.47
HSL	45°, 97%, 27%
HSV	45°, 99%, 53%
XYZ	14.9157, 14.7414, 2.1167
YIQ	100.7660, 52.3640, -23.8920

# Conversions

## Conversions Part 2

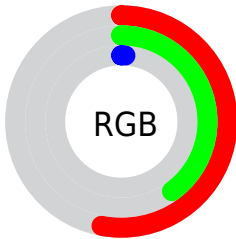
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 136, 2
Decimal	8939010
CIELab	45.28, 5.57, 51.87
CIELCh	45, 52.173, 83.877
Yxy	14.7414, 0.4694, 0.4639
Android (android.graphics.Color)	4287129090 (0xFF886602)
YUV	100.7660, -48.6916, 30.9002
Hunter-Lab	38.3945, 2.1542, 23.6075

# Details

The Decimal color **8939010** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **140424**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **12687678**, and **5322752** is the 20% darker color. If you saturate the color by 10%, you get **8938752**, and if you desaturate by 10%, it is **8939792**.

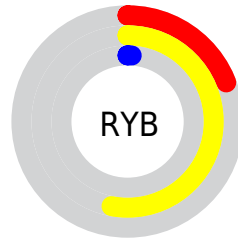
# Distribution



Red (53%)

Green (40%)

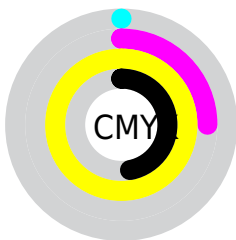
Blue (1%)



Red (19%)

Yellow (53%)

Blue (1%)

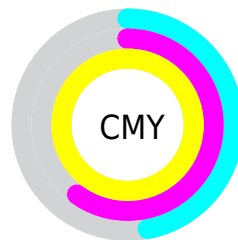


Cyan (0%)

Magenta (25%)

Yellow (99%)

Black (47%)



Cyan (47%)

Magenta (60%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8939010 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 8939010 by changing the saturation by 10% instead.





8939010



8939010

16777213



7097856



12687678



5322752



14660440



3613184



16633714



2035200



16771980



0



16777127



16777155



16777184



8939010



8939010

■ 8938752

■ 8939792

■ 8940829

■ 8941611

■ 8942648

■ 8943430

■ 8944468

■ 8945249

■ 8946287

■ 8947068

# Harmonies

## Analogous

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



10966052



8939010



6255373

# Triad

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



8939010



32653



9916575

# Complementary

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



8939010



140424

# 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.



5858235



8939010



31921

# Square

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



8939010



32608



29634



11812982

# Rectangle

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



8939010



3897639



29634



8869546



# Sweetspot

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



8939010



11576187



8913446



5853497



14277081



5855577



# Same Dimension

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



8939010



11567872



6916098



4539198



8741632



328704



# Inverse Universe

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



140424



11696



2163336



4079685



8837

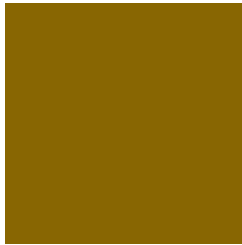


261



# Previews

## White Background



This preview shows how the Decimal color 8939010 looks on a white background.

## Color Contrast Check

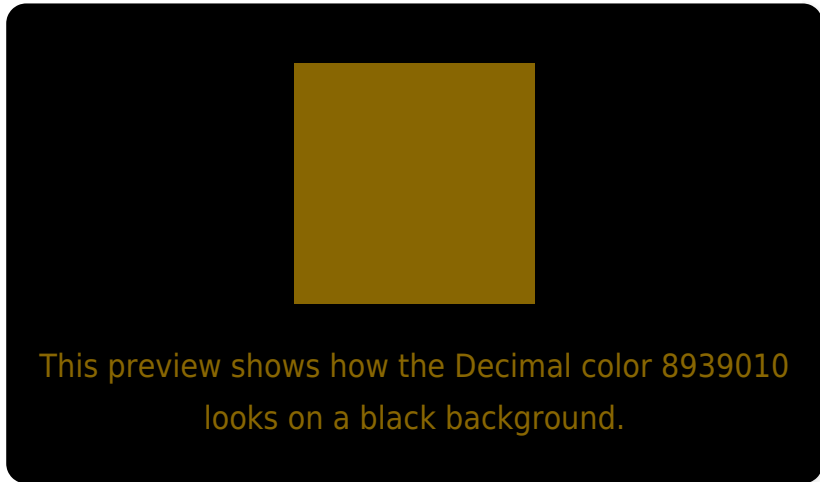
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 8939010 Background



This preview shows how black text looks on a background with the Decimal color 8939010.



This preview shows how white text looks on a background with the Decimal color 8939010.

# 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**  
8939010

**Protanopia**  
7957512

**Deuteranopia**  
8939010



**Tritanopia**  
9264998

# Trichromacy



**Original Color**  
8939010

**Protanomaly**  
8284678

**Deuteranomaly**  
8939010

**Tritanomaly**  
9134658

# Monochromacy



**Original Color**  
8939010

**Achromatopsia**  
6645093

**Achromatomaly**  
7497025

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8939010 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 #886602 looks like.

```
.text, #text, p{  
    color:#886602  
}
```

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 #886602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #886602
}
```

## Border

The CSS property to change the border of an element to Decimal 8939010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

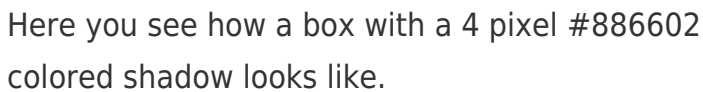
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#886602 }
```

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

```
.border{ border-color:#886602 }
```

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

A rectangular box with a 4px #886602 colored shadow. The box is white with a thin black border and a thick #886602 shadow on the right and bottom sides.

Here you see how a box with a 4 pixel #886602 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #886602; -webkit-box-shadow:4px 4px  
4px 4px #886602; box-shadow:4px 4px 4px  
4px #886602 }
```

# Background

The CSS property to change the background color of an element to Decimal 8939010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#886602 }
```

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

```
.background{ background-color:#886602 }
```

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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