

# Converting Colors

Decimal(8866581)

Have a look what the booklet for  
Decimal(8866581) contains.

<b>Decimal(8866581)</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(8866581)**

# Conversions

## Conversions Part 1

Format	Color
Hex	874B15
RGB	135, 75, 21
RGB Percent	53%, 29%, 8%
CMY	0.4706, 0.7059, 0.9176
CMYK	0.00, 0.44, 0.84, 0.47
HSL	28°, 73%, 31%
HSV	28°, 84%, 53%
XYZ	12.6431, 10.2372, 2.0191
YIQ	86.7840, 53.0940, -4.0740

# Conversions

## Conversions Part 2

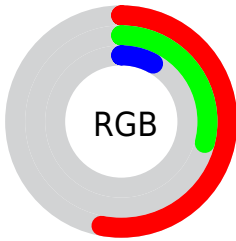
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 124, 21
Decimal	8866581
CIELab	38.26, 21.34, 40.62
CIElCh	38, 45.885, 62.291
Yxy	10.2372, 0.5078, 0.4111
Android (android.graphics.Color)	4287056661 (0xFF874B15)
YUV	86.7840, -32.4315, 42.2854
Hunter-Lab	31.9956, 14.5422, 18.6554

# Details

The Decimal color **8866581** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1397127**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **12680261**, and **5250560** is the 20% darker color. If you saturate the color by 10%, you get **8864776**, and if you desaturate by 10%, it is **8868387**.

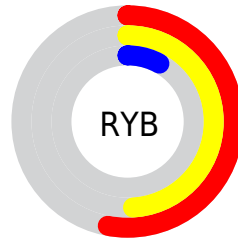
# Distribution



Red (53%)

Green (29%)

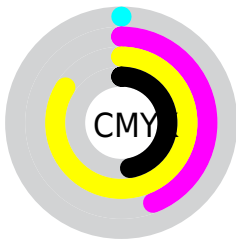
Blue (8%)



Red (53%)

Yellow (49%)

Blue (8%)

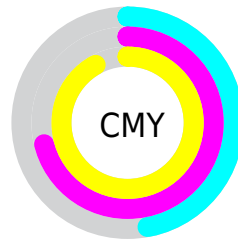


Cyan (0%)

Magenta (44%)

Yellow (84%)

Black (47%)



Cyan (47%)

Magenta (71%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8866581 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 8866581 by changing the saturation by 10% instead.





8866581



8866581

16777215



7025664



12680261



5250560



14587486



3475456



16626039



1769473



16764305



0



16771500



16777160



16777188



8866581



8866581

■ 8864776

■ 8868387

■ 8863744

■ 8870192

■ 8871998

■ 8873803

■ 8875865

■ 8877670

■ 8879476

■ 8881281

■ 8883087

# Harmonies

## Analogous

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



10042421



8866581



6969600

# Triad

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



8866581



27484



6115225

# Complementary

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



8866581



1397127

# 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.



24229



8866581



27521

# Square

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



8866581



26934



26524



8994429

# Rectangle

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



8866581



5398537



26524



4674719



# Sweetspot

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



8866581



11573636



8852818



5851966



14277081



5855577



# Same Dimension

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



8866581



1155584



8880917



4341564



8535552



196864



# Inverse Universe

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



1397127



23984



1382791



3948354



17538



259



# Previews

## White Background



This preview shows how the Decimal color 8866581 looks on a white background.

## Color Contrast Check

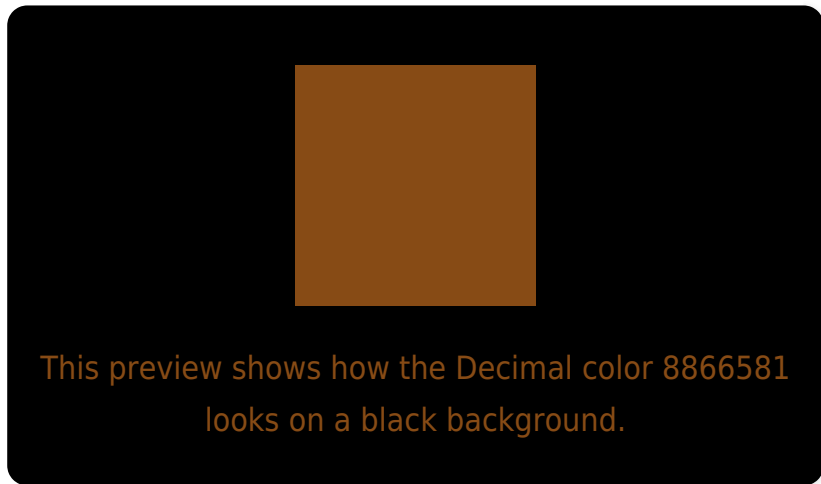
Large Text (above 18pt) WCAG AA ✓ Pass

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 8866581 Background



This preview shows how black text looks on a background with the Decimal color 8866581.



This preview shows how white text looks on a background with the Decimal color 8866581.

# 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**  
8866581

**Protanopia**  
6707993

**Deuteranopia**  
7493135



**Tritanopia**  
8996427

# Trichromacy



**Original Color**  
8866581

**Protanomaly**  
7492888

**Deuteranomaly**  
8016401

**Tritanomaly**  
8931383

# Monochromacy



**Original Color**  
8866581

**Achromatopsia**  
5723991

**Achromatomaly**  
6837055

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8866581 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 #874B15 looks like.

```
.text, #text, p{  
  color:#874B15  
}
```

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 #874B15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874B15
}
```

## Border

The CSS property to change the border of an element to Decimal 8866581 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
#874B15 }
```

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

```
.border{ border-color:#874B15 }
```

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

Here you see how a box with a 4 pixel #874B15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874B15; -webkit-box-shadow:4px 4px  
4px 4px #874B15; box-shadow:4px 4px 4px  
4px #874B15 }
```

# Background

The CSS property to change the background color of an element to Decimal 8866581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874B15 }
```

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

```
.background{ background-color:#874B15 }
```

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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