

# Converting Colors

Decimal(8944949)

Have a look what the booklet for  
Decimal(8944949) contains.

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**Color**

**Decimal(8944949)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	887D35
RGB	136, 125, 53
RGB Percent	53%, 49%, 21%
CMY	0.4667, 0.5098, 0.7922
CMYK	0.00, 0.08, 0.61, 0.47
HSL	52°, 44%, 37%
HSV	52°, 61%, 53%
XYZ	18.1296, 20.1585, 6.3036
YIQ	120.0810, 29.6680, -20.0600

# Conversions

## Conversions Part 2

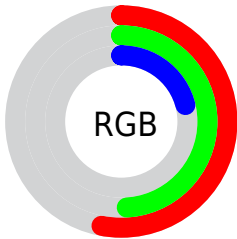
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 136, 53
Decimal	8944949
CIELab	52.02, -5.35, 39.90
CIELCh	52, 40.256, 97.642
Yxy	20.1585, 0.4066, 0.4521
Android (android.graphics.Color)	4287135029 (0xFF887D35)
YUV	120.0810, -33.0709, 13.9610
Hunter-Lab	44.8982, -6.4950, 23.1046

# Details

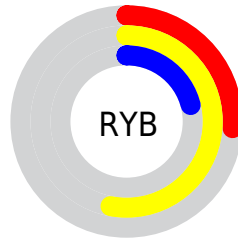
The Decimal color **8944949** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3489928**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **12562791**, and **5458945** is the 20% darker color. If you saturate the color by 10%, you get **8944423**, and if you desaturate by 10%, it is **8945475**.

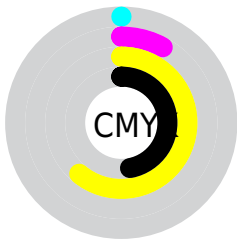
# Distribution



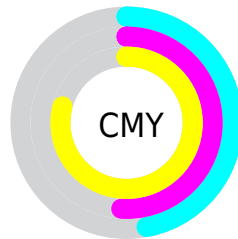
- Red (53%)
- Green (49%)
- Blue (21%)



- Red (26%)
- Yellow (53%)
- Blue (21%)



- Cyan (0%)
- Magenta (8%)
- Yellow (61%)
- Black (47%)



- Cyan (47%)
- Magenta (51%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8944949 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 8944949 by changing the saturation by 10% instead.





8944949



8944949

16777215



7169053



12562791



5458945



14470528



3880448



16378267



2236672



16777142



2816



16777170



0



16777199



8944949



8944949



8944423



8945475

■ 8943898

■ 8946000

■ 8943628

■ 8946270

■ 8943104

■ 8946795

■ 8947321

■ 8947847

■ 8948372

■ 8948642

■ 8949167

# Harmonies

## Analogous

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



10842428



8944949



6522435

# Triad

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



8944949



36005



11428759

# Complementary

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



8944949



3489928

# 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.



9072819



8944949



34747

# Square

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



8944949



36484



5340608



12345204

# Rectangle

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



8944949



4557398



5340608



10774433



# Sweetspot

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



8944949



11578512



8926528



5855046



14277081



5855577



# Same Dimension

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



8944949



11575088



6981685



4539454



8745728



328704



# Inverse Universe

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



3489928



3162544



5453192



4079429



4741



261



# Previews

## White Background



This preview shows how the Decimal color 8944949 looks on a white background.

## Color Contrast Check

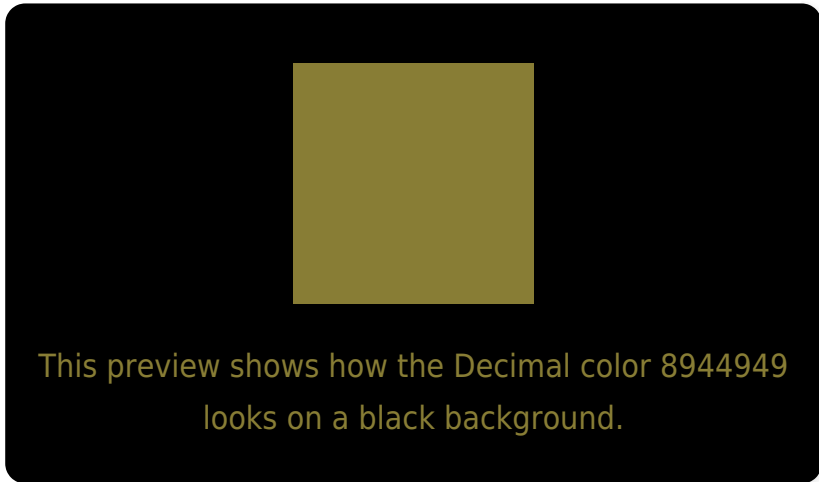
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

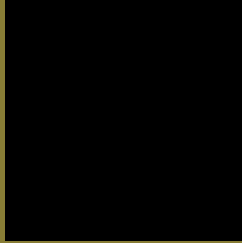
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8944949 Background



This preview shows how black text looks on a background with the Decimal color 8944949.



This preview shows how white text looks on a background with the Decimal color 8944949.

# 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**  
8944949

**Protanopia**  
9075765

**Deuteranopia**  
10122807



**Tritanopia**  
9401726

# Trichromacy



**Original Color**  
8944949

**Protanomaly**  
9010229

**Deuteranomaly**  
9664822

**Tritanomaly**  
9205859

# Monochromacy



**Original Color**  
8944949

**Achromatopsia**  
7895160

**Achromatomaly**  
8288864

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8944949 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 #887D35 looks like.

```
.text, #text, p{  
    color:#887D35  
}
```

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 #887D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #887D35
}
```

## Border

The CSS property to change the border of an element to Decimal 8944949 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
#887D35 }
```

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

```
.border{ border-color:#887D35 }
```

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

Here you see how a box with a 4 pixel #887D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #887D35; -webkit-box-shadow:4px 4px  
4px 4px #887D35; box-shadow:4px 4px 4px  
4px #887D35 }
```

# Background

The CSS property to change the background color of an element to Decimal 8944949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#887D35 }
```

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

```
.background{ background-color:#887D35 }
```

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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