

# Converting Colors

Hex(876101)

Have a look what the booklet for  
Hex(876101) contains.

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**Color**

**Hex(876101)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	876101
RGB	135, 97, 1
RGB Percent	53%, 38%, 0%
CMY	0.4706, 0.6196, 0.9961
CMYK	0.00, 0.28, 0.99, 0.47
HSL	43°, 99%, 27%
HSV	43°, 99%, 53%
XYZ	14.2718, 13.7025, 1.9214
YIQ	97.4180, 53.4640, -21.8000

# Conversions

## Conversions Part 2

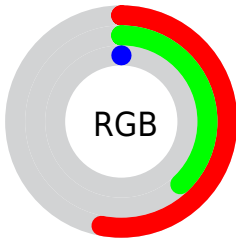
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 135, 1
Decimal	8872193
CIE <sub>Lab</sub>	43.80, 7.98, 51.04
CIE <sub>LCh</sub>	44, 51.661, 81.109
Yxy	13.7025, 0.4774, 0.4583
Android (android.graphics.Color)	4287062273 (0xFF876101)
<b>YUV</b>	97.4180, -47.5341, 32.9594
Hunter-Lab	37.0169, 4.0412, 22.8344

# Details

The Hex color **876101** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **012787**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **C0933C**, and **503300** is the 20% darker color. If you saturate the color by 10%, you get **876100**, and if you desaturate by 10%, it is **87650F**.

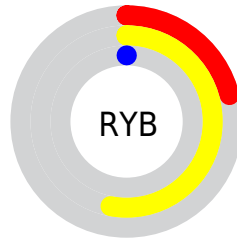
# Distribution



Red (53%)

Green (38%)

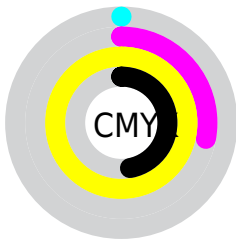
Blue (0%)



Red (21%)

Yellow (53%)

Blue (0%)

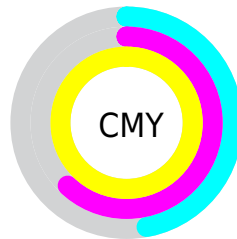


Cyan (0%)

Magenta (28%)

Yellow (99%)

Black (47%)



Cyan (47%)

Magenta (62%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 876101 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 Hex color 876101 by changing the saturation by 10% instead.



 876101

 876101

 FFFFFA

 6B4900

 C0933C

 503300

 DEAE56

 361E00

 FCC970

 1E0700

 FFE58A

 000000

 FFFFA5

 FFFFC1

 FFFFDD

 876101

 876101

■ 876100

■ 87650F

■ 87691C

■ 876C2A

■ 877037

■ 877445

■ 877852

■ 877C60

■ 87806D

■ 87837B

# Harmonies

## Analogous

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



A54F25



876101



5F6E05

# Triad

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



876101



007B85



8E4E9E

# Complementary

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



876101



012787

# 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.



4D62B8



876101



0078AA

# Square

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



876101



007B59



0070BC



AE3E76

# Rectangle

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



876101



3E7421



0070BC



7D55A9



# Sweetspot

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



876101



B0A17B



870129



595039



D9D9D9



595959



# Same Dimension

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



876101



B07E00



6C8701



42403C



825D00



030200



# Inverse Universe

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



012787



0032B0



1C0187



3C3E42



002582

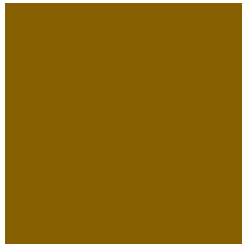


000103



# Previews

## White Background



This preview shows how the Hex color 876101 looks on a white background.

## Color Contrast Check

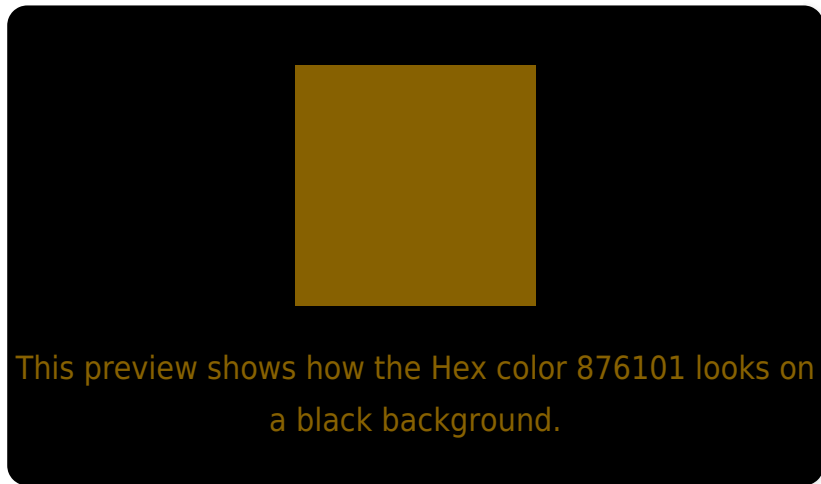
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Hex 876101 Background



This preview shows how black text looks on a background with the Hex color 876101.



This preview shows how white text looks on a background with the Hex color 876101.

# 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**  
876101

**Protanopia**  
756808

**Deuteranopia**  
846300

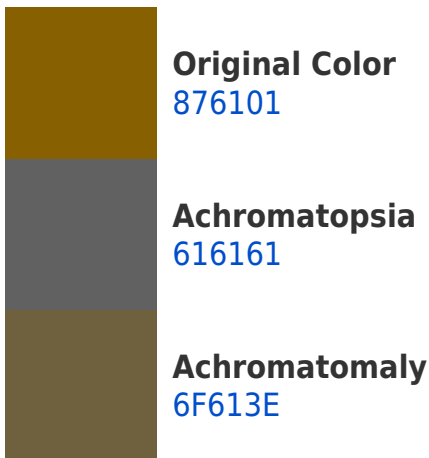


**Tritanopia**  
8B5A61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 876101 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 #876101 looks like.

```
.text, #text, p{  
    color:#876101  
}
```

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 #876101 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876101
}
```

## Border

The CSS property to change the border of an element to Hex 876101 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
#876101 }
```

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

```
.border{ border-color:#876101 }
```

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

Here you see how a box with a 4 pixel #876101 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876101; -webkit-box-shadow:4px 4px  
4px 4px #876101; box-shadow:4px 4px 4px  
4px #876101 }
```

# Background

The CSS property to change the background color of an element to Hex 876101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876101 }
```

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

```
.background{ background-color:#876101 }
```

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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