

# Converting Colors

Hex(876108)

Have a look what the booklet for  
Hex(876108) contains.

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**Color**

**Hex(876108)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	876108
RGB	135, 97, 8
RGB Percent	53%, 38%, 3%
CMY	0.4706, 0.6196, 0.9686
CMYK	0.00, 0.28, 0.94, 0.47
HSL	42°, 89%, 28%
HSV	42°, 94%, 53%
XYZ	14.3102, 13.7178, 2.1233
YIQ	98.2160, 51.2170, -19.6230

# Conversions

## Conversions Part 2

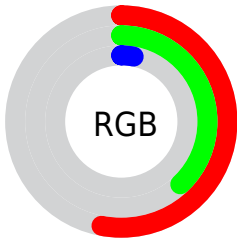
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	62, 135, 8
Decimal	8872200
CIELab	43.83, 8.13, 49.31
CIELCh	44, 49.980, 80.643
Yxy	13.7178, 0.4746, 0.4550
Android (android.graphics.Color)	4287062280 (0xFF876108)
YUV	98.2160, -44.4765, 32.2596
Hunter-Lab	37.0376, 4.1513, 22.5273

# Details

The Hex color **876108** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **082E87**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **C09340**, and **503300** is the 20% darker color. If you saturate the color by 10%, you get **875F00**, and if you desaturate by 10%, it is **876515**.

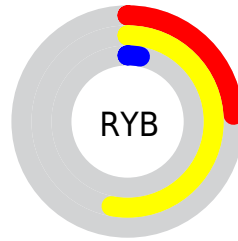
# Distribution



Red (53%)

Green (38%)

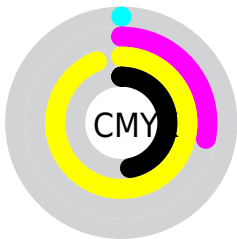
Blue (3%)



Red (24%)

Yellow (53%)

Blue (3%)

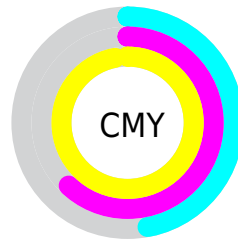


Cyan (0%)

Magenta (28%)

Yellow (94%)

Black (47%)



Cyan (47%)

Magenta (62%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 876108 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 876108 by changing the saturation by 10% instead.



 876108

 876108

FFFFFFE

 6B4900

 C09340

 503300

 DEAE59

 361E00

 FCC973

 1E0700

 FFE58E

 000000

 FFFFA9

 FFFFC5

 FFFFE1

 876108

 876108

■ 875F00

■ 876515

■ 876923

■ 876D31

■ 87713E

■ 87754C

■ 877959

■ 877D67

■ 878174

■ 878582

# Harmonies

## Analogous

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



A45028



876108



616E0C

# Triad

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



876108



007B84



8D4F9D

# Complementary

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



876108



082E87

# 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.



4E62B6



876108



0078A7

# Square

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



876108



007A59



0070BA



AB4076

# Rectangle

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



876108



417423



0070BA



7C56A7



# Sweetspot

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



876108



B0A17F



87082E



59503B



D9D9D9



595959



# Same Dimension

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



876108



B07B00



6E8708



42403C



825B00



030200



# Inverse Universe

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



082E87



0035B0



210887



3C3E42



002782

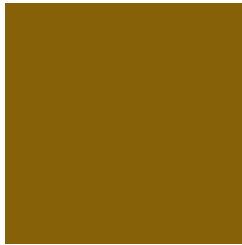


000103



# Previews

## White Background



This preview shows how the Hex color 876108 looks on a white background.

## Color Contrast Check

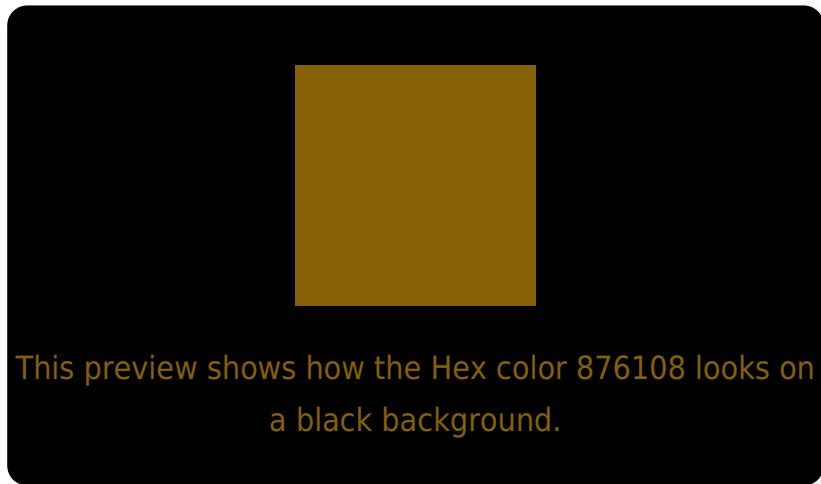
Large Text (above 18pt) WCAG AA ✓ Pass

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 876108 Background



This preview shows how black text looks on a background with the Hex color 876108.



This preview shows how white text looks on a background with the Hex color 876108.

# 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**  
876108

**Protanopia**  
75680B

**Deuteranopia**  
846304



**Tritanopia**  
8B5A61

# Trichromacy



**Original Color**  
876108

**Protanomaly**  
7C650A

**Deuteranomaly**  
856205

**Tritanomaly**  
8A5D41

# Monochromacy



**Original Color**  
876108

**Achromatopsia**  
626262

**Achromatomaly**  
6F6241

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 876108 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 #876108 looks like.

```
.text, #text, p{  
    color:#876108  
}
```

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 #876108 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876108
}
```

## Border

The CSS property to change the border of an element to Hex 876108 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
#876108 }
```

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

```
.border{ border-color:#876108 }
```

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

Here you see how a box with a 4 pixel #876108 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876108; -webkit-box-shadow:4px 4px  
4px 4px #876108; box-shadow:4px 4px 4px  
4px #876108 }
```

# Background

The CSS property to change the background color of an element to Hex 876108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876108 }
```

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

```
.background{ background-color:#876108 }
```

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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