

# Converting Colors

Hex(876902)

Have a look what the booklet for  
Hex(876902) contains.

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**Color**

**Hex(876902)**

# Conversions

## Conversions Part 1

Format	Color
Hex	876902
RGB	135, 105, 2
RGB Percent	53%, 41%, 1%
CMY	0.4706, 0.5882, 0.9922
CMYK	0.00, 0.22, 0.99, 0.47
HSL	46°, 97%, 27%
HSV	46°, 99%, 53%
XYZ	15.0542, 15.2584, 2.2092
YIQ	102.2280, 50.9430, -25.6730

# Conversions

## Conversions Part 2

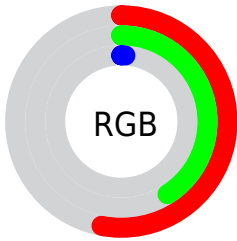
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 135, 2
Decimal	8874242
CIELab	45.99, 3.34, 52.32
CIELCh	46, 52.431, 86.342
Yxy	15.2584, 0.4629, 0.4692
Android (android.graphics.Color)	4287064322 (0xFF876902)
YUV	102.2280, -49.4124, 28.7410
Hunter-Lab	39.0620, 0.4339, 23.9903

# Details

The Hex color **876902** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **022087**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **C09C3E**, and **513A00** is the 20% darker color. If you saturate the color by 10%, you get **876900**, and if you desaturate by 10%, it is **876C0F**.

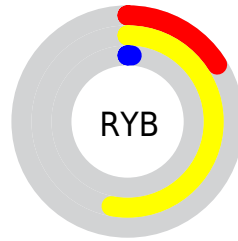
# Distribution



Red (53%)

Green (41%)

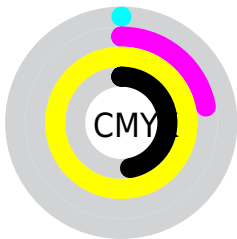
Blue (1%)



Red (16%)

Yellow (53%)

Blue (1%)

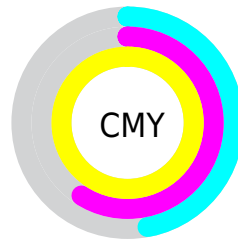


Cyan (0%)

Magenta (22%)

Yellow (99%)

Black (47%)



Cyan (47%)

Magenta (59%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 876902 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 876902 by changing the saturation by 10% instead.



 876902

 876902

FFFFFFE

 6B5100

 C09C3E

 513A00

 DEB758

 362500

 FBD272

 1E1100

 FFEE8D

 000000

 FFFFA8

 FFFFC4

 FFFFE1

 876902

 876902

■ 876900

■ 876C0F

■ 876F1D

■ 87722A

■ 877538

■ 877845

■ 877B53

■ 877E60

■ 87816E

■ 87847B

# Harmonies

## Analogous

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



A75722



876902



5D7612

# Triad

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



876902



008193



9D4F9E

# Complementary

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



876902



022087

# 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.



6264BC



876902



007DB6

# Square

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



876902



008166



0074C5



B84174

# Rectangle

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



876902



377B2C



0074C5



8D56AA



# Sweetspot

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



876902



B0A47B



870221



595239



D9D9D9



595959



# Same Dimension

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



876902



B08800



648702



42413C



826500



030200



# Inverse Universe

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



022087



0028B0



250287



3C3D42



001D82

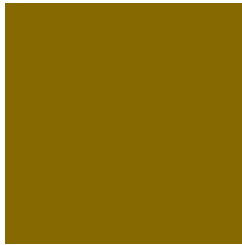


000103



# Previews

## White Background



This preview shows how the Hex color 876902 looks on a white background.

## Color Contrast Check

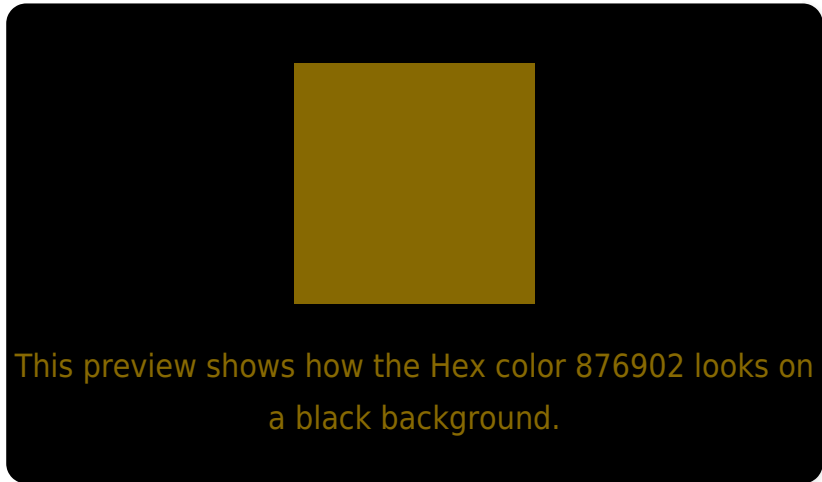
Large Text (above 18pt) WCAG AA ✓ Pass

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 876902 Background



This preview shows how black text looks on a background with the Hex color 876902.



This preview shows how white text looks on a background with the Hex color 876902.

# 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**  
876902

**Protanopia**  
7B6E07

**Deuteranopia**  
8A6807



**Tritanopia**  
8C6269

# Trichromacy



**Original Color**  
876902

**Protanomaly**  
7F6C05

**Deuteranomaly**  
896805

**Tritanomaly**  
8A6544

# Monochromacy



**Original Color**  
876902

**Achromatopsia**  
666666

**Achromatomaly**  
726742

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 876902 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 #876902 looks like.

```
.text, #text, p{  
    color:#876902  
}
```

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 #876902 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876902
}
```

## Border

The CSS property to change the border of an element to Hex 876902 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
#876902 }
```

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

```
.border{ border-color:#876902 }
```

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

Here you see how a box with a 4 pixel #876902 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876902; -webkit-box-shadow:4px 4px  
4px 4px #876902; box-shadow:4px 4px 4px  
4px #876902 }
```

# Background

The CSS property to change the background color of an element to Hex 876902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876902 }
```

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

```
.background{ background-color:#876902 }
```

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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