

# Converting Colors

Hex(876719)

Have a look what the booklet for  
Hex(876719) contains.

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**Color**

**Hex(876719)**

# Conversions

## Conversions Part 1

Format	Color
Hex	876719
RGB	135, 103, 25
RGB Percent	53%, 40%, 10%
CMY	0.4706, 0.5961, 0.9020
CMYK	0.00, 0.24, 0.81, 0.47
HSL	43°, 69%, 31%
HSV	43°, 81%, 53%
XYZ	15.0174, 14.9216, 3.0084
YIQ	103.6760, 44.1100, -17.4740

# Conversions

## Conversions Part 2

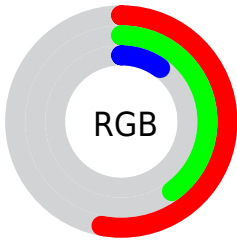
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 135, 25
Decimal	8873753
CIE <sub>Lab</sub>	45.53, 5.10, 45.62
CIE <sub>LCh</sub>	46, 45.903, 83.615
Yxy	14.9216, 0.4558, 0.4529
Android (android.graphics.Color)	4287063833 (0xFF876719)
YUV	103.6760, -38.7873, 27.4711
Hunter-Lab	38.6285, 1.7947, 22.4225

# Details

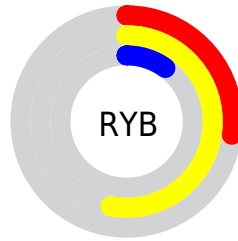
The Hex color **876719** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **193987**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **C09A4C**, and **513800** is the 20% darker color. If you saturate the color by 10%, you get **87630B**, and if you desaturate by 10%, it is **876B26**.

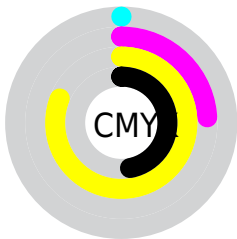
# Distribution



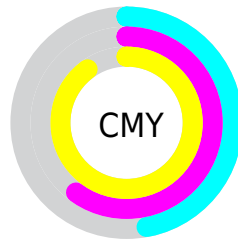
- Red (53%)
- Green (40%)
- Blue (10%)



- Red (27%)
- Yellow (53%)
- Blue (10%)



- Cyan (0%)
- Magenta (24%)
- Yellow (81%)
- Black (47%)



- Cyan (47%)
- Magenta (60%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 876719 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 876719 by changing the saturation by 10% instead.



 876719

 876719

FFFFFF

 6C4F00

 C09A4C

 513800

 DDB465

 372300

 FBD07F

 1F0F00

 FFEC9A

 000000

 FFFFB5

 FFFFDD1

 FFFFEE

 876719

 876719

■ 87630B

■ 876B26

■ 876000

■ 876F34

■ 877341

■ 87774F

■ 877B5D

■ 877F6A

■ 878277

■ 878685

■ 878A93

# Harmonies

## Analogous

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



A3582E



876719



62731F

# Triad

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



876719



007E89



92559A

# Complementary

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



876719



193987

# 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.



5E65B2



876719



007BA9

# Square

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



876719



007E62



0073B8



AD4976

# Rectangle

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



876719



447831



0073B8



845AA4



# Sweetspot

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



876719



B0A486



87193A



59523F



D9D9D9



595959



# Same Dimension

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



876719



B07E04



718719



42403C



825C00



030200



# Inverse Universe

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



193987



0436B0



2F1987



3C3E42



002682

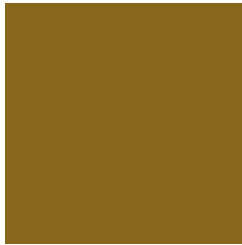


000103



# Previews

## White Background



This preview shows how the Hex color 876719 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 876719 Background



This preview shows how black text looks on a background with the Hex color 876719.



This preview shows how white text looks on a background with the Hex color 876719.

# 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**  
876719

**Protanopia**  
796C1A

**Deuteranopia**  
886719



**Tritanopia**  
8C6067

# Trichromacy



**Original Color**  
876719

**Protanomaly**  
7E6A1A

**Deuteranomaly**  
886719

**Tritanomaly**  
8A634B

# Monochromacy



**Original Color**  
876719

**Achromatopsia**  
686868

**Achromatomaly**  
73684B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 876719 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 #876719 looks like.

```
.text, #text, p{  
    color:#876719  
}
```

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 #876719 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876719
}
```

## Border

The CSS property to change the border of an element to Hex 876719 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
#876719 }
```

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

```
.border{ border-color:#876719 }
```

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

Here you see how a box with a 4 pixel #876719 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876719; -webkit-box-shadow:4px 4px  
4px 4px #876719; box-shadow:4px 4px 4px  
4px #876719 }
```

# Background

The CSS property to change the background color of an element to Hex 876719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876719 }
```

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

```
.background{ background-color:#876719 }
```

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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