

# Converting Colors

Hex(876511)

Have a look what the booklet for  
Hex(876511) contains.

<b>Hex(876511)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(876511)**

# Conversions

## Conversions Part 1

Format	Color
Hex	876511
RGB	135, 101, 17
RGB Percent	53%, 40%, 7%
CMY	0.4706, 0.6039, 0.9333
CMYK	0.00, 0.25, 0.87, 0.47
HSL	43°, 78%, 30%
HSV	43°, 87%, 53%
XYZ	14.7465, 14.4987, 2.5516
YIQ	101.5900, 47.2280, -18.9160

# Conversions

## Conversions Part 2

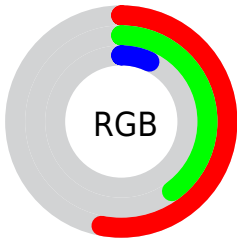
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 135, 17
Decimal	8873233
CIELab	44.94, 6.00, 47.84
CIElCh	45, 48.210, 82.852
Yxy	14.4987, 0.4638, 0.4560
Android (android.graphics.Color)	4287063313 (0xFF876511)
YUV	101.5900, -41.7029, 29.3006
Hunter-Lab	38.0772, 2.4944, 22.6809

# Details

The Hex color **876511** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **113387**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **C09846**, and **513700** is the 20% darker color. If you saturate the color by 10%, you get **876103**, and if you desaturate by 10%, it is **87691F**.

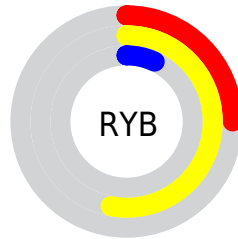
# Distribution



Red (53%)

Green (40%)

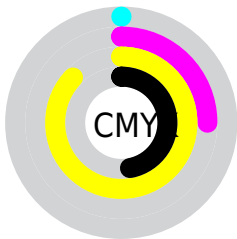
Blue (7%)



Red (25%)

Yellow (53%)

Blue (7%)

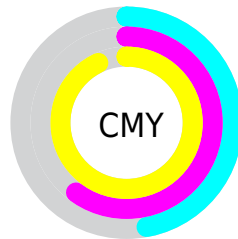


Cyan (0%)

Magenta (25%)

Yellow (87%)

Black (47%)



Cyan (47%)

Magenta (60%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 876511 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 876511 by changing the saturation by 10% instead.



 876511

 876511

FFFFFF

 6B4D00

 C09846

 513700

 DDB25F

 362200

 FBCE79

 1E0C00

 FFEA94

 000000

 FFFF4F

 FFFF4B

 FFFF47

 876511

 876511

■ 876103

■ 87691F

■ 876000

■ 876D2C

■ 87713A

■ 877547

■ 877855

■ 877C62

■ 878070

■ 87847D

■ 87888B

# Harmonies

## Analogous

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



A4552A



876511



617117

# Triad

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



876511



007D88



92529B

# Complementary

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



876511



113387

# 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.



5964B5



876511



007AAA

# Square

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



876511



007D5F



0072BA



AE4576

# Rectangle

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



876511



41772B



0072BA



8258A6



# Sweetspot

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



876511



B0A382



871134



59513E



D9D9D9



595959



# Same Dimension

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



876511



B07D00



6F8711



42403C



825D00



030200



# Inverse Universe

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



113387



0033B0



291187



3C3E42



002582

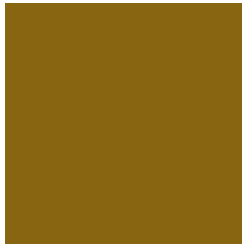


000103



# Previews

## White Background



This preview shows how the Hex color 876511 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

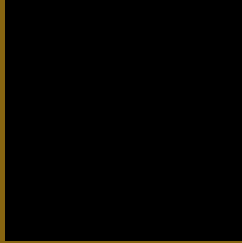
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 876511 Background



This preview shows how black text looks on a background with the Hex color 876511.



This preview shows how white text looks on a background with the Hex color 876511.

# 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**  
876511

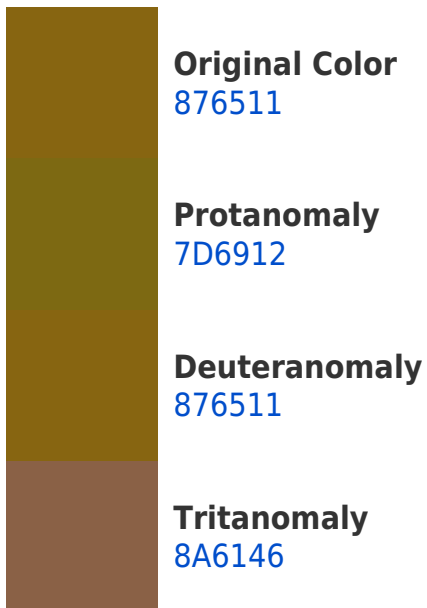
**Protanopia**  
786B13

**Deuteranopia**  
876511

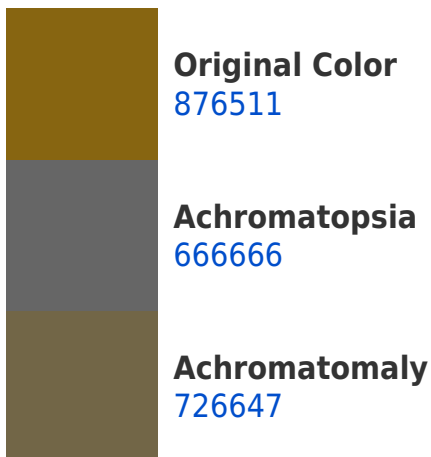


**Tritanopia**  
8C5E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 876511 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 #876511 looks like.

```
.text, #text, p{  
    color:#876511  
}
```

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 #876511 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876511
}
```

## Border

The CSS property to change the border of an element to Hex 876511 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
#876511 }
```

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

```
.border{ border-color:#876511 }
```

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

Here you see how a box with a 4 pixel #876511 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876511; -webkit-box-shadow:4px 4px  
4px 4px #876511; box-shadow:4px 4px 4px  
4px #876511 }
```

# Background

The CSS property to change the background color of an element to Hex 876511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876511 }
```

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

```
.background{ background-color:#876511 }
```

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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