

# Converting Colors

Hex(875409)

Have a look what the booklet for  
Hex(875409) contains.

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**Color**

**Hex(875409)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	875409
RGB	135, 84, 9
RGB Percent	53%, 33%, 4%
CMY	0.4706, 0.6706, 0.9647
CMYK	0.00, 0.38, 0.93, 0.47
HSL	36°, 88%, 28%
HSV	36°, 93%, 53%
XYZ	13.2113, 11.5113, 1.7840
YIQ	90.6990, 54.4710, -12.5130

# Conversions

## Conversions Part 2

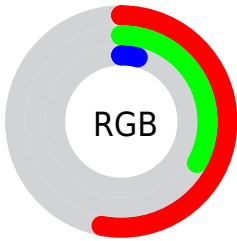
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 135, 9
Decimal	8868873
CIELab	40.43, 15.78, 46.49
CIElCh	40, 49.097, 71.256
Yxy	11.5113, 0.4984, 0.4343
Android (android.graphics.Color)	4287058953 (0xFF875409)
YUV	90.6990, -40.2776, 38.8520
Hunter-Lab	33.9283, 10.1316, 20.6322

# Details

The Hex color **875409** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **093C87**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **C1863E**, and **502700** is the 20% darker color. If you saturate the color by 10%, you get **875000**, and if you desaturate by 10%, it is **875917**.

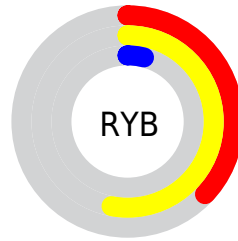
# Distribution



Red (53%)

Green (33%)

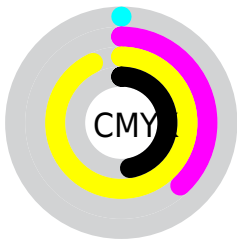
Blue (4%)



Red (37%)

Yellow (53%)

Blue (4%)

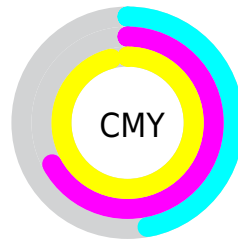


Cyan (0%)

Magenta (38%)

Yellow (93%)

Black (47%)



Cyan (47%)

Magenta (67%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 875409 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 875409 by changing the saturation by 10% instead.



 875409

 875409

 FFFFFFFB

 6B3D00

 C1863E

 502700

 DEA057

 351200

 FDBB71

 1E0000

 FFD78B

 000000

 FFF3A6

 FFFFC1

 FFFFDE

 875409

 875409

■ 875000

■ 875917

■ 875F24

■ 876432

■ 876A3F

■ 876F4D

■ 87755A

■ 877A68

■ 878075

■ 878583

# Harmonies

## Analogous

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



9F432C



875409



656200

# Triad

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



875409



00726E



744E9C

# Complementary

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



875409



093C87

# 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.



1D5FAF



875409



007093

# Square

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



875409



007044



006BAB



9A3C7A

# Rectangle

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



875409



496910



006BAB



6054A4



# Sweetspot

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



875409



B09C7F



87093D



594D3B



D9D9D9



595959



# Same Dimension

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



875409



B06900



7D8709



42403C



824D00



030200



# Inverse Universe

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



093C87



0047B0



140987



3C3E42



003582

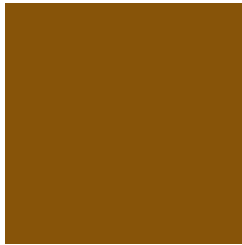


000103



# Previews

## White Background



This preview shows how the Hex color 875409 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 875409 Background



This preview shows how black text looks on a background with the Hex color 875409.



This preview shows how white text looks on a background with the Hex color 875409.

# 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**  
875409

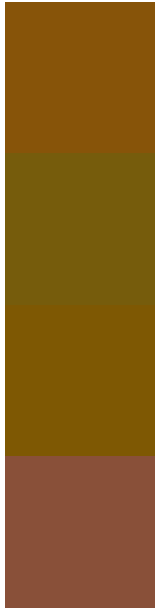
**Protanopia**  
6C600D

**Deuteranopia**  
795B00



**Tritanopia**  
8A4E54

# Trichromacy



**Original Color**  
875409

**Protanomaly**  
765C0C

**Deuteranomaly**  
7E5803

**Tritanomaly**  
895039

# Monochromacy



**Original Color**  
875409

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
6B583D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 875409 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 #875409 looks like.

```
.text, #text, p{  
    color:#875409  
}
```

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 #875409 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875409
}
```

## Border

The CSS property to change the border of an element to Hex 875409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

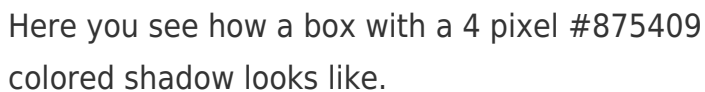
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#875409 }
```

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

```
.border{ border-color:#875409 }
```

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



Here you see how a box with a 4 pixel #875409 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875409; -webkit-box-shadow:4px 4px  
4px 4px #875409; box-shadow:4px 4px 4px  
4px #875409 }
```

# Background

The CSS property to change the background color of an element to Hex 875409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875409 }
```

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

```
.background{ background-color:#875409 }
```

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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