

# Converting Colors

Hex(886A18)

Have a look what the booklet for  
Hex(886A18) contains.

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**Color**

**Hex(886A18)**

# Conversions

## Conversions Part 1

Format	Color
Hex	886A18
RGB	136, 106, 24
RGB Percent	53%, 42%, 9%
CMY	0.4667, 0.5843, 0.9059
CMYK	0.00, 0.22, 0.82, 0.47
HSL	44°, 70%, 31%
HSV	44°, 82%, 53%
XYZ	15.4722, 15.6083, 3.0614
YIQ	105.6220, 44.2020, -19.1420

# Conversions

## Conversions Part 2

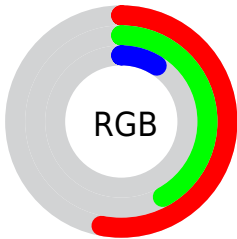
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	65, 136, 24
Decimal	8940056
CIE <sub>Lab</sub>	46.46, 3.80, 46.87
CIE <sub>LCh</sub>	46, 47.021, 85.365
Yxy	15.6083, 0.4532, 0.4572
Android (android.graphics.Color)	4287130136 (0xFF886A18)
YUV	105.6220, -40.2396, 26.6415
Hunter-Lab	39.5073, 0.7682, 23.0608

# Details

The Hex color **886A18** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **183688**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **C19D4B**, and **523B00** is the 20% darker color. If you saturate the color by 10%, you get **88660A**, and if you desaturate by 10%, it is **886E26**.

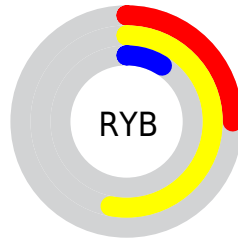
# Distribution



Red (53%)

Green (42%)

Blue (9%)



Red (25%)

Yellow (53%)

Blue (9%)

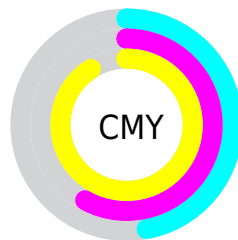


Cyan (0%)

Magenta (22%)

Yellow (82%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 886A18 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 886A18 by changing the saturation by 10% instead.





886A18



886A18

FFFFFF



6D5200



C19D4B



523B00



DEB865



382600



FCD37F



1F1200



FFF099



000000



FFFFB5



FFFFD1



FFFEE



886A18



886A18

■ 88660A

■ 886E26

■ 886400

■ 887133

■ 887541

■ 88794E

■ 887C5C

■ 88806A

■ 888477

■ 888785

■ 888B92

# Harmonies

## Analogous

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



A55B2D



886A18



627620

# Triad

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



886A18



00818F



98559B

# Complementary

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



886A18



183688

# 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.



6466B6



886A18



007DAE

# Square

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



886A18



008166



0074BD



B24A76

# Rectangle

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



886A18



427B33



0074BD



8A5BA6



# Sweetspot

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



886A18



B0A484



881838



59523E



D9D9D9



595959



# Same Dimension

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



886A18



B08102



708818



45433E



856100



050400



# Inverse Universe

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



183688



0230B0



301888



3E4045



002485

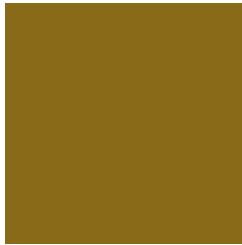


000105



# Previews

## White Background



This preview shows how the Hex color 886A18 looks on a white background.

## Color Contrast Check

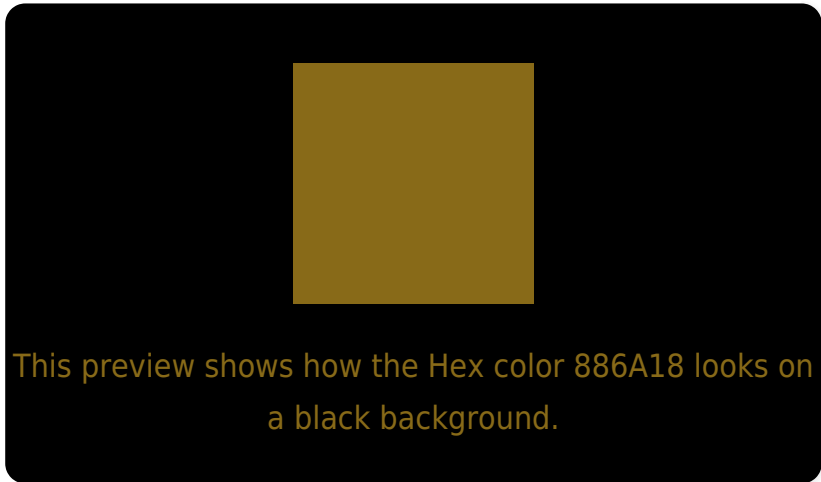
Large Text (above 18pt) WCAG AA ✓ Pass

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

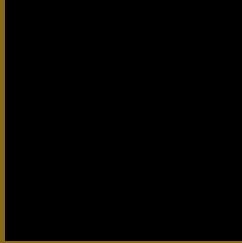
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 886A18 Background



This preview shows how black text looks on a background with the Hex color 886A18.



This preview shows how white text looks on a background with the Hex color 886A18.

# 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**  
886A18

**Protanopia**  
7C6F19

**Deuteranopia**  
8B6919



**Tritanopia**  
8D636A

# Trichromacy



**Original Color**  
886A18

**Protanomaly**  
806D19

**Deuteranomaly**  
8A6919

**Tritanomaly**  
8B664C

# Monochromacy



**Original Color**  
886A18

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
756A4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 886A18 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 #886A18 looks like.

```
.text, #text, p{  
    color:#886A18  
}
```

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 #886A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #886A18
}
```

## Border

The CSS property to change the border of an element to Hex 886A18 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
#886A18 }
```

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

```
.border{ border-color:#886A18 }
```

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

Here you see how a box with a 4 pixel #886A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #886A18; -webkit-box-shadow:4px 4px  
4px 4px #886A18; box-shadow:4px 4px 4px  
4px #886A18 }
```

# Background

The CSS property to change the background color of an element to Hex 886A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#886A18 }
```

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

```
.background{ background-color:#886A18 }
```

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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