

# Converting Colors

Hex(84660A)

Have a look what the booklet for  
Hex(84660A) contains.

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**Color**

**Hex(84660A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84660A
RGB	132, 102, 10
RGB Percent	52%, 40%, 4%
CMY	0.4824, 0.6000, 0.9608
CMYK	0.00, 0.23, 0.92, 0.48
HSL	45°, 86%, 28%
HSV	45°, 92%, 52%
XYZ	14.3219, 14.4302, 2.3176
YIQ	100.4820, 47.4120, -22.2520

# Conversions

## Conversions Part 2

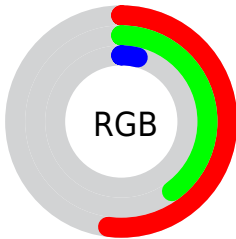
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 132, 10
Decimal	8676874
CIELab	44.84, 3.81, 49.48
CIELCh	45, 49.622, 85.597
Yxy	14.4302, 0.4610, 0.4644
Android (android.graphics.Color)	4286866954 (0xFF84660A)
YUV	100.4820, -44.6076, 27.6413
Hunter-Lab	37.9871, 0.8206, 22.9736

# Details

The Hex color **84660A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0A2884**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **BD9942**, and **4E3800** is the 20% darker color. If you saturate the color by 10%, you get **846400**, and if you desaturate by 10%, it is **846917**.

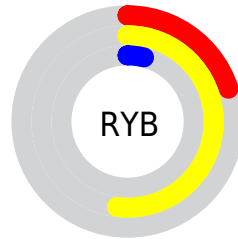
# Distribution



Red (52%)

Green (40%)

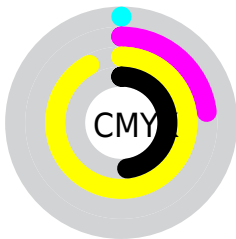
Blue (4%)



Red (20%)

Yellow (52%)

Blue (4%)

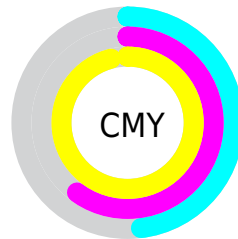


Cyan (0%)

Magenta (23%)

Yellow (92%)

Black (48%)



Cyan (48%)

Magenta (60%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84660A 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 84660A by changing the saturation by 10% instead.





84660A



84660A

FFFFFF



694E00



BD9942



4E3800



DAB35B



342300



F8CF75



1C0E00



FFEB90



000000



FFFFAB



FFFFC7



FFFFE3



84660A



84660A

■ 846400

■ 846917

■ 846C24

■ 847032

■ 84733F

■ 84764C

■ 847959

■ 847D66

■ 848074

■ 848381

# Harmonies

## Analogous

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



A25525



84660A



5C7216

# Triad

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



84660A



007D8D



964F99

# Complementary

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



84660A



0A2884

# 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.



5F62B5



84660A



007AAE

# Square

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



84660A



007D62



0071BD



B14272

# Rectangle

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



84660A



3A782C



0071BD



8755A4



# Sweetspot

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



84660A



AB9F7B



840A29



574F39



D6D6D6



575757



# Same Dimension

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



84660A



AB8100



66840A



42413C



826200



030200



# Inverse Universe

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



0A2884



002AAB



290A84



3C3D42



002082

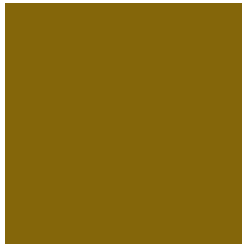


000103



# Previews

## White Background



This preview shows how the Hex color 84660A looks on a white background.

## Color Contrast Check

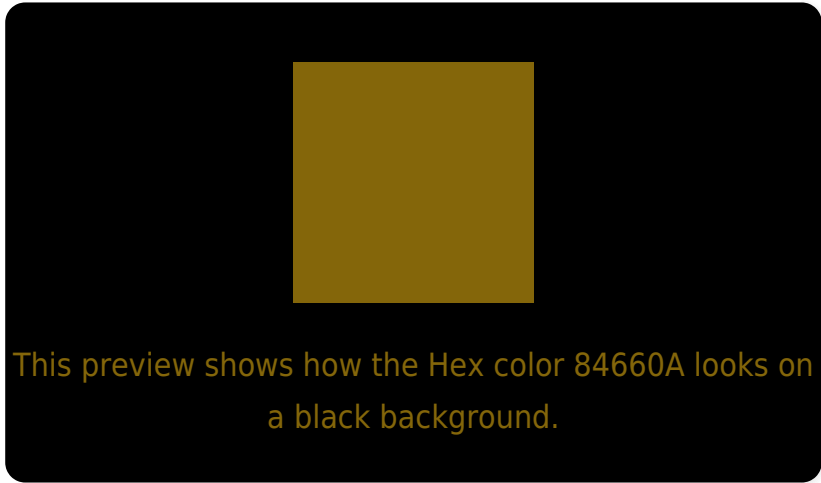
Large Text (above 18pt) WCAG AA ✓ Pass

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 84660A Background



This preview shows how black text looks on a background with the Hex color 84660A.



This preview shows how white text looks on a background with the Hex color 84660A.

# 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**  
84660A

**Protanopia**  
786B0C

**Deuteranopia**  
86650B



**Tritanopia**  
895F66

# Trichromacy



**Original Color**  
84660A

**Protanomaly**  
7C690B

**Deuteranomaly**  
85650B

**Tritanomaly**  
876245

# Monochromacy



**Original Color**  
84660A

**Achromatopsia**  
646464

**Achromatomaly**  
706543

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84660A 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 #84660A looks like.

```
.text, #text, p{  
    color:#84660A  
}
```

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 #84660A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84660A
}
```

## Border

The CSS property to change the border of an element to Hex 84660A is called "border". The border property can be set on classes, ids or directly on the HTML element.

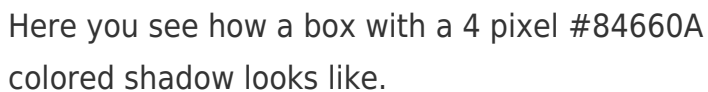
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84660A }
```

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

```
.border{ border-color:#84660A }
```

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



Here you see how a box with a 4 pixel #84660A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84660A; -webkit-box-shadow:4px 4px  
4px 4px #84660A; box-shadow:4px 4px 4px  
4px #84660A }
```

# Background

The CSS property to change the background color of an element to Hex 84660A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84660A }
```

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

```
.background{ background-color:#84660A }
```

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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