

# Converting Colors

Hex(84760A)

Have a look what the booklet for  
Hex(84760A) contains.

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**Color**

**Hex(84760A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84760A
RGB	132, 118, 10
RGB Percent	52%, 46%, 4%
CMY	0.4824, 0.5373, 0.9608
CMYK	0.00, 0.11, 0.92, 0.48
HSL	53°, 86%, 28%
HSV	53°, 92%, 52%
XYZ	16.0489, 17.8843, 2.8933
YIQ	109.8740, 43.0120, -30.6200

# Conversions

## Conversions Part 2

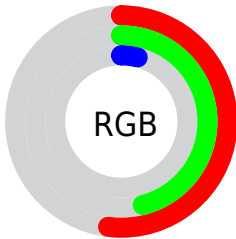
Format	Color
R <sub>Y</sub> B	26, 132, 10
Decimal	8680970
CIE Lab	49.36, -5.35, 53.00
CIE LCh	49, 53.269, 95.760
Yxy	17.8843, 0.4358, 0.4856
Android (android.graphics.Color)	4286871050 (0xFF84760A)
YUV	109.8740, -49.2379, 19.4045
Hunter-Lab	42.2899, -6.2667, 25.5465

# Details

The Hex color **84760A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0A1884**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BCAA45**, and **4F4600** is the 20% darker color. If you saturate the color by 10%, you get **847500**, and if you desaturate by 10%, it is **847817**.

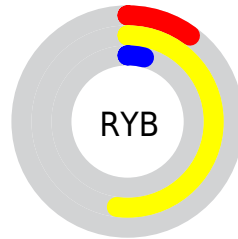
# Distribution



Red (52%)

Green (46%)

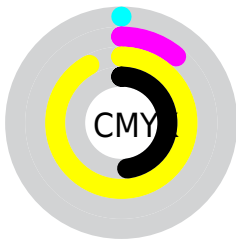
Blue (4%)



Red (10%)

Yellow (52%)

Blue (4%)

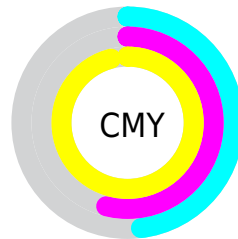


Cyan (0%)

Magenta (11%)

Yellow (92%)

Black (48%)



Cyan (48%)

Magenta (54%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84760A 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 84760A by changing the saturation by 10% instead.



 84760A

 84760A

FFFFFF

 695E00

 BCAA45

 4F4600

 D9C55F

 343000

 F7E179

 1C1C00

 FFFD94

 000000

 FFFFB0

 FFFFCC

 FFFFEE8

 84760A

 84760A

■ 847500

■ 847817

■ 847924

■ 847B32

■ 847C3F

■ 847E4C

■ 847F59

■ 848166

■ 848274

■ 848481

# Harmonies

## Analogous

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



A9651E



84760A



558225

# Triad

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



84760A



008AA9



B2529B

# Complementary

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



84760A



0A1884

# 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.



8265BF



84760A



0084C7

# Square

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



84760A



008B7D



0078D0



C6496E

# Rectangle

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



84760A



248640



0078D0



A658A9



# Sweetspot

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



84760A



ABA57B



840A18



575339



D6D6D6



575757



# Same Dimension

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



84760A



AB9700



55840A



42423C



827300



030200



# Inverse Universe

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



0A1884



0014AB



390A84



3C3C42



000F82

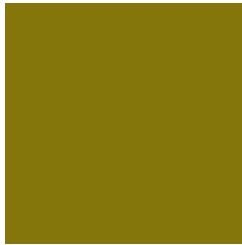


000003



# Previews

## White Background



This preview shows how the Hex color 84760A looks on a white background.

## Color Contrast Check

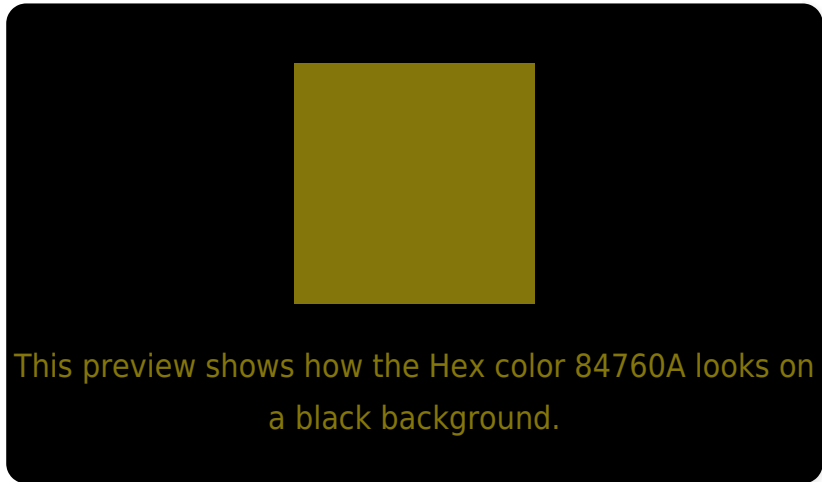
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 84760A Background



This preview shows how black text looks on a background with the Hex color 84760A.



This preview shows how white text looks on a background with the Hex color 84760A.

# 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**

84760A

**Protanopia**

85760A

**Deuteranopia**

946F12



**Tritanopia**  
8B6E76

# Trichromacy



**Original Color**  
84760A

**Protanomaly**  
85760A

**Deuteranomaly**  
8E720F

**Tritanomaly**  
88714F

# Monochromacy



**Original Color**  
84760A

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
76714A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84760A 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 #84760A looks like.

```
.text, #text, p{  
    color:#84760A  
}
```

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 #84760A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84760A
}
```

## Border

The CSS property to change the border of an element to Hex 84760A 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
#84760A }
```

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

```
.border{ border-color:#84760A }
```

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

Here you see how a box with a 4 pixel #84760A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84760A; -webkit-box-shadow:4px 4px  
4px 4px #84760A; box-shadow:4px 4px 4px  
4px #84760A }
```

# Background

The CSS property to change the background color of an element to Hex 84760A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84760A }
```

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

```
.background{ background-color:#84760A }
```

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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