

# Converting Colors

Hex(84470D)

Have a look what the booklet for  
Hex(84470D) contains.

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**Color**

**Hex(84470D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84470D
RGB	132, 71, 13
RGB Percent	52%, 28%, 5%
CMY	0.4824, 0.7216, 0.9490
CMYK	0.00, 0.46, 0.90, 0.48
HSL	29°, 82%, 28%
HSV	29°, 90%, 52%
XYZ	11.8416, 9.4411, 1.5790
YIQ	82.6270, 54.9740, -5.1060

# Conversions

## Conversions Part 2

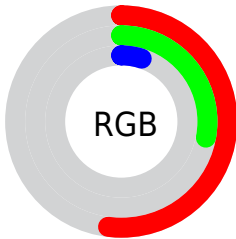
Format	Color
<a href="#">RYB</a>	<a href="#">132, 126, 13</a>
Decimal	<a href="#">8668941</a>
CIELab	<a href="#">36.82, 22.05, 42.30</a>
CIElCh	<a href="#">37, 47.701, 62.465</a>
Yxy	<a href="#">9.4411, 0.5180, 0.4130</a>
Android (android.graphics.Color)	<a href="#">4286859021 (0xFF84470D)</a>
YUV	<a href="#">82.6270, -34.3261, 43.3001</a>
Hunter-Lab	<a href="#">30.7263, 15.0210, 18.4616</a>

# Details

The Hex color **84470D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0D4A84**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **BE783E**, and **4C1A00** is the 20% darker color. If you saturate the color by 10%, you get **844000**, and if you desaturate by 10%, it is **844E1A**.

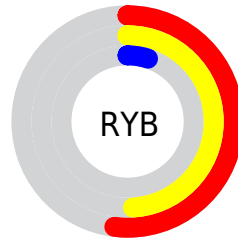
# Distribution



Red (52%)

Green (28%)

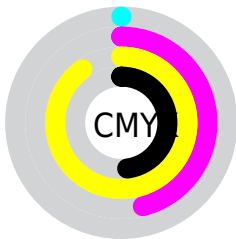
Blue (5%)



Red (52%)

Yellow (49%)

Blue (5%)

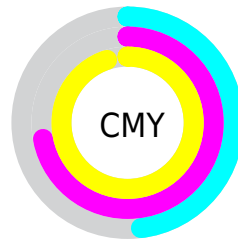


Cyan (0%)

Magenta (46%)

Yellow (90%)

Black (48%)



Cyan (48%)

Magenta (72%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84470D 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 84470D by changing the saturation by 10% instead.



 84470D

 84470D

 FFFFF9

 683000

 BE783E

 4C1A00

 DC9257

 320400

 FAAD70

 130000

 FFC88A

 000000

 FFE4A5

 FFFFC0

 FFFFDC

 84470D

 84470D

■ 844000

■ 844E1A

■ 845527

■ 845B35

■ 846242

■ 84694F

■ 84705C

■ 847669

■ 847D77

■ 848484

# Harmonies

## Analogous

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



973630



84470D



665600

# Triad

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



84470D



006859



5A4B98

# Complementary

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



84470D



0D4A84

# 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.



005AA4



84470D



00687F

# Square

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



84470D



006631



00649B



87397B

# Rectangle

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



84470D



4D5D00



00649B



42519E



# Sweetspot

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



84470D



AB937D



840D4A



57483B



D6D6D6



575757



# Same Dimension

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



84470D



AB5300



84820D



423F3C



823F00



030100



# Inverse Universe

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



0D4A84



0058AB



0D0F84



3C3F42



004382



000103



# Previews

## White Background



This preview shows how the Hex color 84470D looks on a white background.

## Color Contrast Check

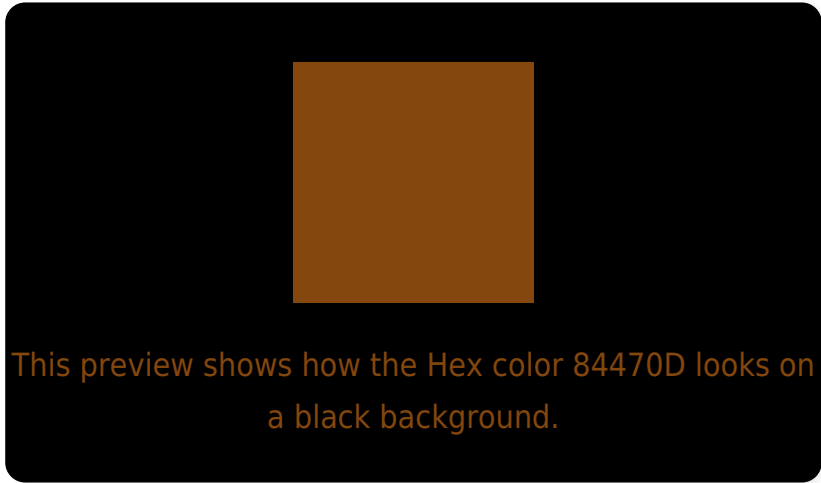
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 84470D Background



This preview shows how black text looks on a background with the Hex color 84470D.



This preview shows how white text looks on a background with the Hex color 84470D.

# 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**  
84470D

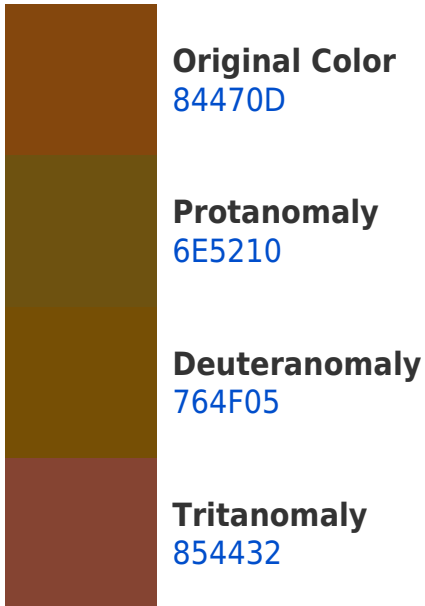
**Protanopia**  
625812

**Deuteranopia**  
6E5300

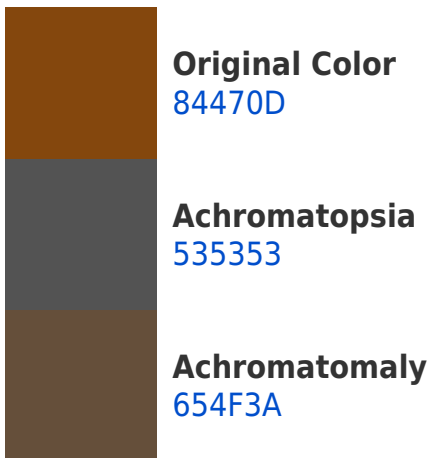


**Tritanopia**  
864247

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84470D 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 #84470D looks like.

```
.text, #text, p{  
    color:#84470D  
}
```

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 #84470D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84470D
}
```

## Border

The CSS property to change the border of an element to Hex 84470D is called "border". The border property can be set on classes, ids or directly on the HTML element.

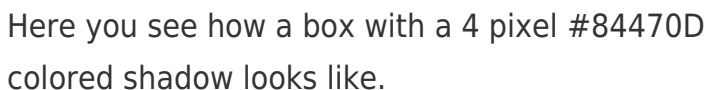
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84470D }
```

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

```
.border{ border-color:#84470D }
```

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



Here you see how a box with a 4 pixel #84470D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84470D; -webkit-box-shadow:4px 4px  
4px 4px #84470D; box-shadow:4px 4px 4px  
4px #84470D }
```

# Background

The CSS property to change the background color of an element to Hex 84470D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84470D }
```

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

```
.background{ background-color:#84470D }
```

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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