

# Converting Colors

Hex(84374C)

Have a look what the booklet for  
Hex(84374C) contains.

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**Color**

**Hex(84374C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84374C
RGB	132, 55, 76
RGB Percent	52%, 22%, 30%
CMY	0.4824, 0.7843, 0.7020
CMYK	0.00, 0.58, 0.42, 0.48
HSL	344°, 41%, 37%
HSV	344°, 58%, 52%
XYZ	12.1864, 8.1597, 7.7702
YIQ	80.4170, 39.1510, 22.8550

# Conversions

## Conversions Part 2

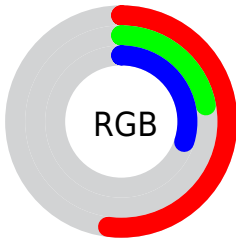
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 55, 76
Decimal	8664908
CIE <sub>Lab</sub>	34.31, 35.26, 3.79
CIE <sub>LCh</sub>	34, 35.460, 6.136
Yxy	8.1597, 0.4334, 0.2902
Android (android.graphics.Color)	4286854988 (0xFF84374C)
YUV	80.4170, -2.1776, 45.2383
Hunter-Lab	28.5652, 26.1621, 3.8679

# Details

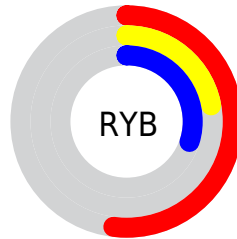
The Hex color **84374C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **37846F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **BC697D**, and **4F0220** is the 20% darker color. If you saturate the color by 10%, you get **842A42**, and if you desaturate by 10%, it is **844456**.

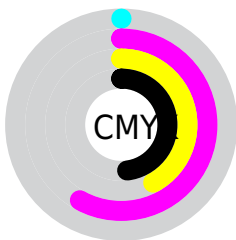
# Distribution



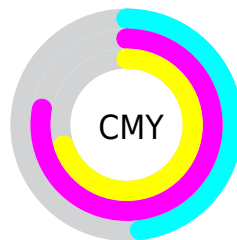
- Red (52%)
- Green (22%)
- Blue (30%)



- Red (52%)
- Yellow (22%)
- Blue (30%)



- Cyan (0%)
- Magenta (58%)
- Yellow (42%)
- Black (48%)



- Cyan (48%)
- Magenta (78%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84374C 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 84374C by changing the saturation by 10% instead.



 84374C

 84374C

FFFFFF

 691E35

 BC697D

 4F0220

 D98397

 360008

 F69EB1

 170000

 FFB9CD

 000000

 FFD5E9

 FFF2FF

 84374C

 84374C

 842A42

 844456

841D39

84515F

840F2F

845F69

840226

846C72

840024

84797C

848686

84938F

84A199

84AEA2

# Harmonies

## Analogous

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



783C68



84374C



813C31

# Triad

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



84374C



3D5820



005A84

# Complementary

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



84374C



37846F

# 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.



005E71



84374C



0B5D39

# Square

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



84374C



5B5114



005E56



225289

# Rectangle

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



84374C



784322



005E56



005B7F



# Sweetspot

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



84374C



AB8C94



6E3784



574449



D6D6D6



575757



# Same Dimension

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



84374C



AB3354



844837



423C3D



820023



030001



# Inverse Universe

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



84374C



AB3354



377384



423C3D



820023

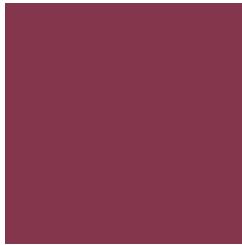


030001



# Previews

## White Background



This preview shows how the Hex color 84374C looks on a white background.

## Color Contrast Check

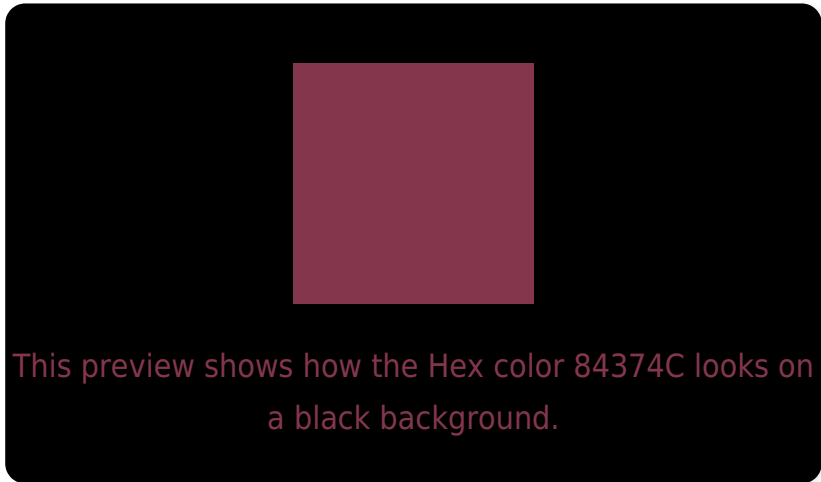
Large Text (above 18pt) WCAG AA ✓ Pass

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 84374C Background



This preview shows how black text looks on a background with the Hex color 84374C.



This preview shows how white text looks on a background with the Hex color 84374C.

# 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**  
84374C

**Protanopia**  
50515B

**Deuteranopia**  
5D4F48



**Tritanopia**  
833A3E

# Trichromacy



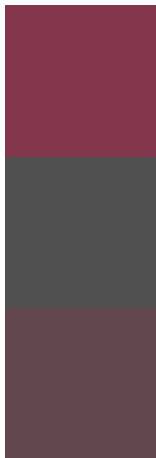
**Original Color**  
84374C

**Protanomaly**  
634856

**Deuteranomaly**  
6B4649

**Tritanomaly**  
833943

# Monochromacy



**Original Color**  
84374C

**Achromatopsia**  
505050

**Achromatomaly**  
63474F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84374C 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 #84374C looks like.

```
.text, #text, p{  
    color:#84374C  
}
```

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 #84374C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84374C
}
```

## Border

The CSS property to change the border of an element to Hex 84374C is called "border". The border property can be set on classes, ids or directly on the HTML element.

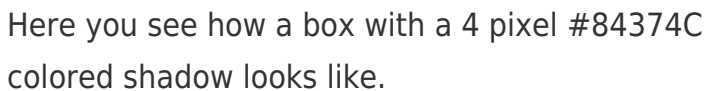
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84374C }
```

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

```
.border{ border-color:#84374C }
```

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



Here you see how a box with a 4 pixel #84374C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84374C; -webkit-box-shadow:4px 4px  
4px 4px #84374C; box-shadow:4px 4px 4px  
4px #84374C }
```

# Background

The CSS property to change the background color of an element to Hex 84374C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84374C }
```

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

```
.background{ background-color:#84374C }
```

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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