

Converting Colors

Hex(839D74)

Have a look what the booklet for
Hex(839D74) contains.

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Color

Hex(839D74)

Conversions

Conversions Part 1	
Format	Color
Hex	839D74
RGB	131, 157, 116
RGB Percent	51%, 62%, 45%
CMY	0.4863, 0.3843, 0.5451
CMYK	0.17, 0.00, 0.26, 0.38
HSL	98°, 17%, 54%
HSV	98°, 26%, 62%
XYZ	24.5694, 30.2002, 21.0573
YIQ	144.5520, -2.3350, -18.2630

Conversions

Conversions Part 2

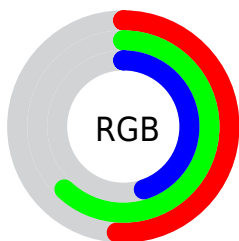
Format	Color
RYB	116, 157, 142
Decimal	8625524
CIELab	61.83, -16.95, 18.53
CIELCh	62, 25.110, 132.457
Yxy	30.2002, 0.3240, 0.3983
Android (android.graphics.Color)	4286815604 (0xFF839D74)
YUV	144.5520, -14.0761, -11.8851
Hunter-Lab	54.9547, -16.3660, 15.7498

Details

The Hex color **839D74** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E749D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B8D4A8**, and **516A44** is the 20% darker color. If you saturate the color by 10%, you get **799D64**, and if you desaturate by 10%, it is **8D9D84**.

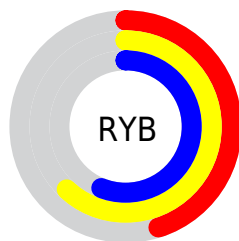
Distribution



Red (51%)

Green (62%)

Blue (45%)



Red (45%)

Yellow (62%)

Blue (56%)

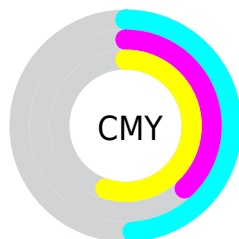


Cyan (17%)

Magenta (0%)

Yellow (26%)

Black (38%)



Cyan (49%)

Magenta (38%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 839D74 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 839D74 by changing the saturation by 10% instead.

 839D74

FFFFFF

 B8D4A8

 D4F0C3

 F1FFE0

FFFFFFC

 839D74

 6A835B

 516A44

 39512D

 233A18

 102400

 000C00

 000000

 839D74

 799D64

 839D74

 8D9D84

 6F9D55

 979D93

 659D45

 A19DA3

 5B9D35

 AB9DB3

 519D25

 B59DC3

 479D16

 BF9DD2

 3D9D06

 C99DE2

 399D00

 D39DF2

 DD9DFF

Harmonies

Analogous

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



9C976A



839D74



6AA187

Triad

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



839D74



679BBF



C2858D

Complementary

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



839D74



8E749D

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.



B987A3



839D74



8794C1

Square

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



839D74



53A0B3



A48CB6



BF8978

Rectangle

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



839D74



5BA296



A48CB6



C18594

Sweetspot

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



839D74



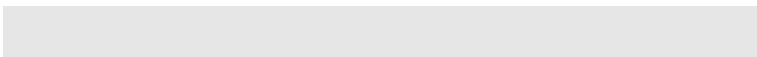
C2CCBC



9D8E74



60665C



E6E6E6



666666

Same Dimension

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



839D74



A4CC8D



749D79



4A4F47



348F00



060F00

Inverse Universe

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



8E749D



B58DCC



9D7498



4C474F



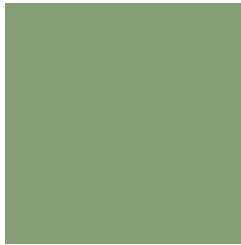
5B008F



0A000F

Previews

White Background



This preview shows how the Hex color 839D74 looks on a white background.

Color Contrast Check

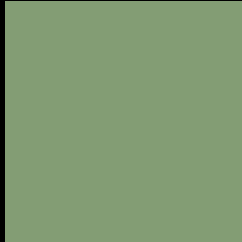
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 839D74 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

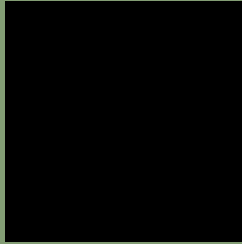
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 839D74 Background



This preview shows how black text looks on a background with the Hex color 839D74.



This preview shows how white text looks on a background with the Hex color 839D74.

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
839D74

Protanopia
A09570

Deuteranopia
AE8F77



Tritanopia
8A97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 839D74 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 #839D74 looks like.

```
.text, #text, p{  
    color:#839D74  
}
```

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 #839D74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #839D74
}
```

Border

The CSS property to change the border of an element to Hex 839D74 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
#839D74 }
```

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

```
.border{ border-color:#839D74 }
```

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

Here you see how a box with a 4 pixel #839D74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #839D74; -webkit-box-shadow:4px 4px  
4px 4px #839D74; box-shadow:4px 4px 4px  
4px #839D74 }
```

Background

The CSS property to change the background color of an element to Hex 839D74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#839D74 }
```

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

```
.background{ background-color:#839D74 }
```

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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