

Converting Colors

Hex(0837A4)

Have a look what the booklet for
Hex(0837A4) contains.

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Color

Hex(0837A4)

Conversions

Conversions Part 1

Format	Color
Hex	0837A4
RGB	8, 55, 164
RGB Percent	3%, 22%, 64%
CMY	0.9686, 0.7843, 0.3569
CMYK	0.95, 0.66, 0.00, 0.36
HSL	222°, 91%, 34%
HSV	222°, 95%, 64%
XYZ	8.1672, 5.4643, 35.7462
YIQ	53.3730, -63.0010, 23.9350

Conversions

Conversions Part 2

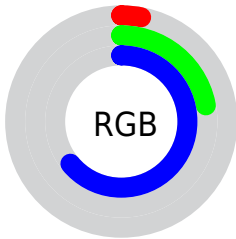
Format	Color
R_{YB}	8, 44, 164
Decimal	538532
CIE _{Lab}	28.02, 30.90, -62.08
CIE _{LCh}	28, 69.343, 296.465
Yxy	5.4643, 0.1654, 0.1107
Android (android.graphics.Color)	4278728612 (0xFF0837A4)
YUV	53.3730, 54.5391, -39.7921
Hunter-Lab	23.3759, 21.4571, -74.3025

Details

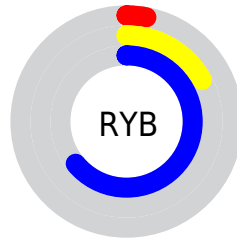
The Hex color **0837A4** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A47508**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5B65DC**, and **00106F** is the 20% darker color. If you saturate the color by 10%, you get **0031A4**, and if you desaturate by 10%, it is **1842A4**.

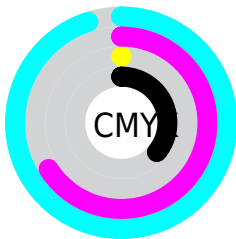
Distribution



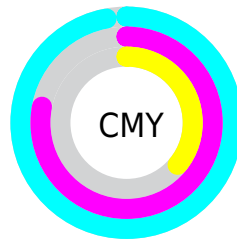
- Red (3%)
- Green (22%)
- Blue (64%)



- Red (3%)
- Yellow (17%)
- Blue (64%)



- Cyan (95%)
- Magenta (66%)
- Yellow (0%)
- Black (36%)



- Cyan (97%)
- Magenta (78%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0837A4 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 0837A4 by changing the saturation by 10% instead.

■ 0837A4

■ 0837A4

FFFFFF

■ 002289

■ 5B65DC

■ 00106F

■ 7A7EF9

■ 000056

■ 9798FF

■ 00063D

■ B5B3FF

■ 000327

■ D3CFFF

■ 000110

■ F1EBFF

■ 000000

■ 0837A4

■ 0837A4

■ 0031A4

■ 1842A4

■ 294EA4

■ 3959A4

■ 4A65A4

■ 5A70A4

■ 6A7CA4

■ 7B87A4

■ 8B93A4

■ 9C9EA4

Harmonies

Analogous

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



004CAF



0837A4



78007E

Triad

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



0837A4



7E2100



00553A

Complementary

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



0837A4



A47508

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.



005300



0837A4



573E00

Square

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



0837A4



960017



204C00



005671

Rectangle

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



0837A4



91005D



204C00



005527

Sweetspot

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



0837A4



98ABD6



08A473



46516B



EBEBEB



6B6B6B

Same Dimension

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



0837A4



0041D6



2508A4



494C52



002C91



000512

Inverse Universe

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



A40837



D60041



87A408



52494C



91002C



120005

Previews

White Background



This preview shows how the Hex color 0837A4 looks on a white background.

Color Contrast Check

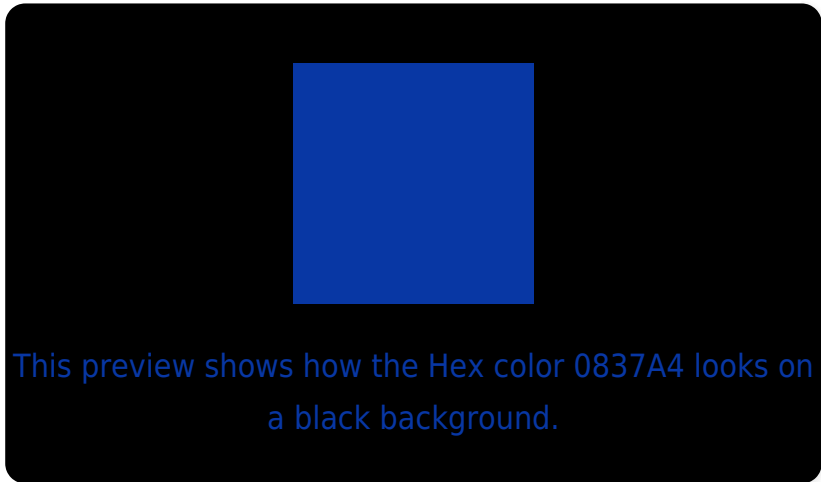
Large Text (above 18pt) WCAG AA ✓ Pass

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

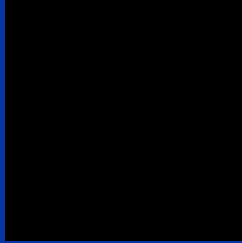
Any Text WCAG AA × Fail

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 0837A4 Background



This preview shows how black text looks on a background with the Hex color 0837A4.



This preview shows how white text looks on a background with the Hex color 0837A4.

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
0837A4

Protanopia
004087

Deuteranopia
004473



Tritanopia
004A4E

Trichromacy



Original Color
0837A4

Protanomaly
033D92

Deuteranomaly
033F85

Tritanomaly
03436D

Monochromacy



Original Color
0837A4

Achromatopsia
353535

Achromatomaly
25365D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0837A4 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 #0837A4 looks like.

```
.text, #text, p{  
    color:#0837A4  
}
```

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 #0837A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0837A4
}
```

Border

The CSS property to change the border of an element to Hex 0837A4 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
#0837A4 }
```

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

```
.border{ border-color:#0837A4 }
```

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

Here you see how a box with a 4 pixel #0837A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0837A4; -webkit-box-shadow:4px 4px  
4px 4px #0837A4; box-shadow:4px 4px 4px  
4px #0837A4 }
```

Background

The CSS property to change the background color of an element to Hex 0837A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0837A4 }
```

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

```
.background{ background-color:#0837A4 }
```

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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