

Converting Colors

Hex(839ABC)

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

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Color

Hex(839ABC)

Conversions

Conversions Part 1	
Format	Color
Hex	839ABC
RGB	131, 154, 188
RGB Percent	51%, 60%, 74%
CMY	0.4863, 0.3961, 0.2627
CMYK	0.30, 0.18, 0.00, 0.26
HSL	216°, 30%, 63%
HSV	216°, 30%, 74%
XYZ	29.9928, 31.5673, 52.0893
YIQ	150.9990, -24.6220, 5.6980

Conversions

Conversions Part 2

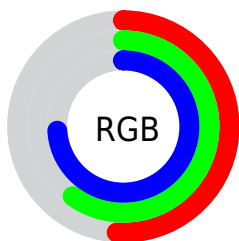
Format	Color
RYB	131, 147, 188
Decimal	8624828
CIELab	62.98, -0.04, -20.24
CIELCh	63, 20.241, 269.882
Yxy	31.5673, 0.2639, 0.2778
Android (android.graphics.Color)	4286814908 (0xFF839ABC)
YUV	150.9990, 18.2415, -17.5391
Hunter-Lab	56.1848, -3.0359, -15.6387

Details

The Hex color **839ABC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **BCA583**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B9D0F4**, and **506787** is the 20% darker color. If you saturate the color by 10%, you get **708FBC**, and if you desaturate by 10%, it is **96A5BC**.

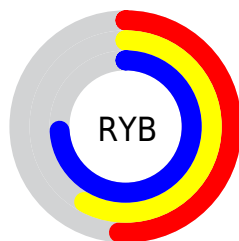
Distribution



Red (51%)

Green (60%)

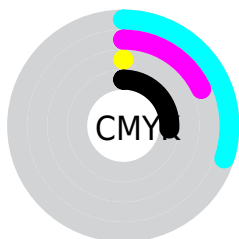
Blue (74%)



Red (51%)

Yellow (58%)

Blue (74%)

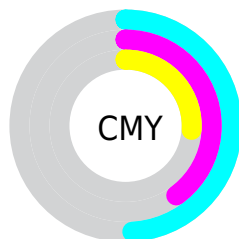


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (26%)



Cyan (49%)

Magenta (40%)

Yellow (26%)

Brightness & Saturation Gradients

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

 839ABC

 839ABC

FFFFFF

 6980A1

 B9D0F4

 506787

 D5EDFF

 374F6D

 F2FFFF

 1E3855

 02233E

 000D28

 000112

 000000

 839ABC

 839ABC

 708FBC

 96A5BC

 5D84BC

 A9B0BC

 4B78BC


 BBBCBC

 386DBC

 CEC7BC

 2562BC

 E1D2BC

 1257BC

 F4DDBC

 004CBC

 FFE8BC

 FFF4BC

 FFFFBC

Harmonies

Analogous

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



6E9FB7



839ABC



9B94B8

Triad

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



839ABC



BD8D87



7EA186

Complementary

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



839ABC



BCA583

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.



939D79



839ABC



B5917A

Square

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



839ABC



BB8C99



A69775



6DA398

Rectangle

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



839ABC



AA90B0



A69775



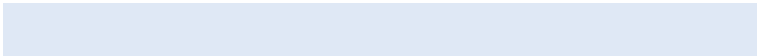
85A081

Sweetspot

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



839ABC



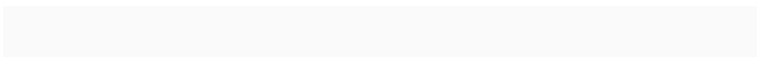
DFE8F5



83BCA4



6D727A



FAFAFA



7A7A7A

Same Dimension

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



839ABC



9DC0F5



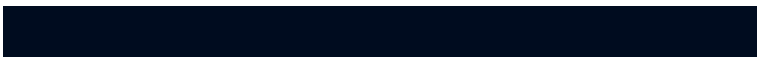
8883BC



55595E



00409E



000C1F

Inverse Universe

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



BC839A



F59DC0



B7BC83



5E5559



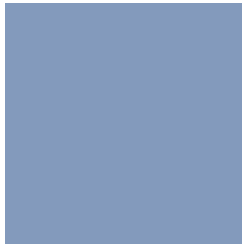
9E0040



1F000C

Previews

White Background



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

Color Contrast Check

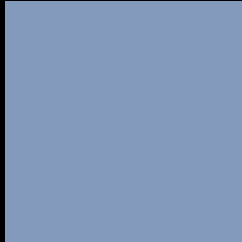
Large Text (above 18pt) WCAG AA × Fail

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 839ABC 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 839ABC Background



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



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

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

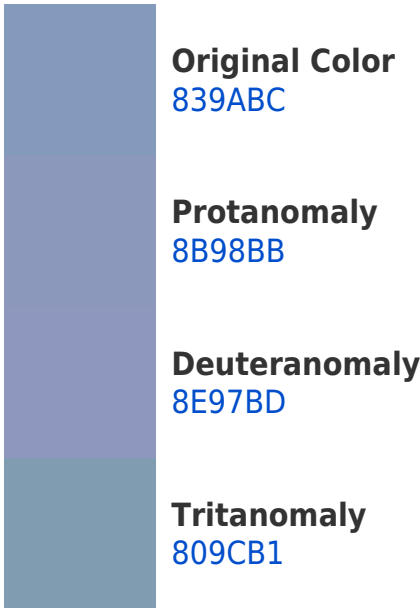


Original Color
839ABC

Protanopia
9097BA

Deuteranopia
9495BD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #839ABC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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