

Converting Colors

Hex(0850AC)

Have a look what the booklet for
Hex(0850AC) contains.

Hex(0850AC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0850AC)

Conversions

Conversions Part 1

Format	Color
Hex	0850AC
RGB	8, 80, 172
RGB Percent	3%, 31%, 67%
CMY	0.9686, 0.6863, 0.3255
CMYK	0.95, 0.53, 0.00, 0.33
HSL	214°, 91%, 35%
HSV	214°, 95%, 67%
XYZ	10.4152, 8.7675, 40.1731
YIQ	68.9600, -72.4440, 13.3480

Conversions

Conversions Part 2

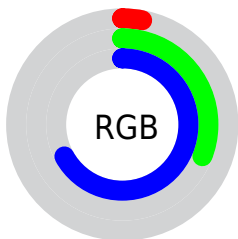
Format	Color
RYB	8, 58, 172
Decimal	544940
CIELab	35.53, 17.14, -54.60
CIELCh	36, 57.224, 287.430
Yxy	8.7675, 0.1755, 0.1477
Android (android.graphics.Color)	4278735020 (0xFF0850AC)
YUV	68.9600, 50.7987, -53.4619
Hunter-Lab	29.6100, 10.9693, -59.7142

Details

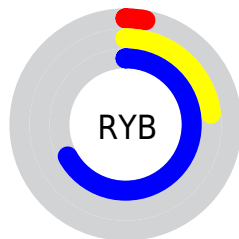
The Hex color **0850AC** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AC6408**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5C80E4**, and **002577** is the 20% darker color. If you saturate the color by 10%, you get **004CAC**, and if you desaturate by 10%, it is **195AAC**.

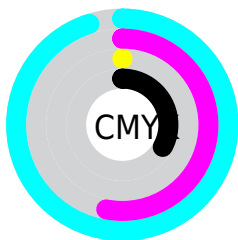
Distribution



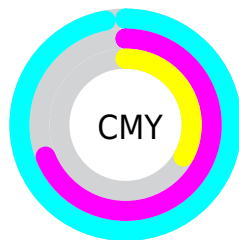
- Red (3%)
- Green (31%)
- Blue (67%)



- Red (3%)
- Yellow (23%)
- Blue (67%)



- Cyan (95%)
- Magenta (53%)
- Yellow (0%)
- Black (33%)



- Cyan (97%)
- Magenta (69%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0850AC 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 0850AC by changing the saturation by 10% instead.

■ 0850AC

■ 0850AC

FFFFFF

■ 003A91

■ 5C80E4

■ 002577

■ 7A9AFF

■ 00125D

■ 98B5FF

■ 000845

■ B6D0FF

■ 00032E

■ D3EDFF

■ 000118

■ F1FFFF

■ 000000

■ 0850AC

■ 0850AC

■ 004CAC

■ 195AAC

■ 2A63AC

■ 3C6DAC

■ 4D77AC

■ 5E80AC

■ 6F8AAC

■ 8094AC

■ 929DAC

■ A3A7AC

Harmonies

Analogous

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



005FAE



0850AC



753892

Triad

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



0850AC



94340E



00663E

Complementary

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



0850AC



AC6408

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.



016209



0850AC



764B00

Square

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



0850AC



A21A3B



4D5A00



00676E

Rectangle

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



0850AC



912678



4D5A00



00652E

Sweetspot

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



0850AC



9FBCE0



08AC62



495A70



F0F0F0



707070

Same Dimension

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



0850AC



0063E0



1008AC



4E5257



004296



000A17

Inverse Universe

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



AC0850



E00063



A4AC08



574E52



960042



17000A

Previews

White Background



This preview shows how the Hex color 0850AC looks on a white background.

Color Contrast Check

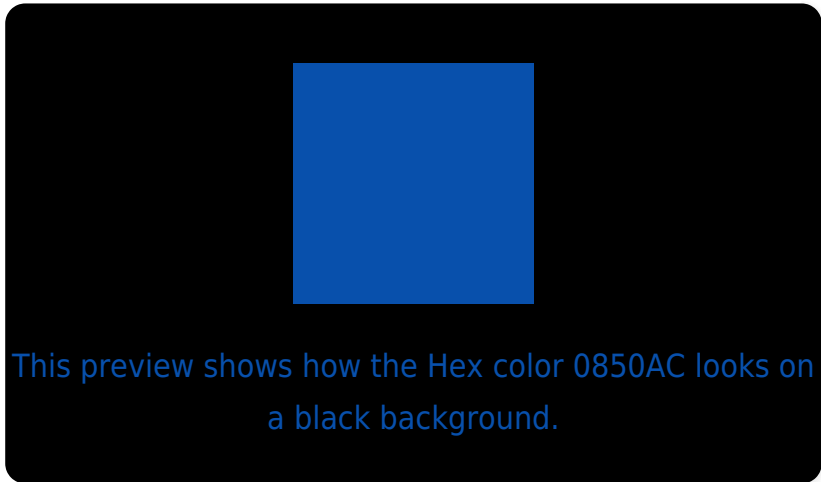
Large Text (above 18pt) WCAG AA ✓ Pass

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

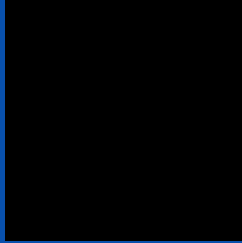
Any Text WCAG AA × Fail

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 0850AC Background



This preview shows how black text looks on a background with the Hex color 0850AC.



This preview shows how white text looks on a background with the Hex color 0850AC.

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
0850AC

Protanopia
0050AB

Deuteranopia
005694



Tritanopia
005D63

Trichromacy



Original Color
0850AC

Protanomaly
0350AB

Deuteranomaly
03549D

Tritanomaly
03587E

Monochromacy



Original Color
0850AC

Achromatopsia
454545

Achromatomaly
2F496A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0850AC 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 #0850AC looks like.

```
.text, #text, p{  
    color:#0850AC  
}
```

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 #0850AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0850AC
}
```

Border

The CSS property to change the border of an element to Hex 0850AC 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
#0850AC }
```

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

```
.border{ border-color:#0850AC }
```

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

Here you see how a box with a 4 pixel #0850AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0850AC; -webkit-box-shadow:4px 4px  
4px 4px #0850AC; box-shadow:4px 4px 4px  
4px #0850AC }
```

Background

The CSS property to change the background color of an element to Hex 0850AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0850AC }
```

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

```
.background{ background-color:#0850AC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor