

# Converting Colors

Hex(082AC4)

Have a look what the booklet for  
Hex(082AC4) contains.

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# Color

Hex(082AC4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	082AC4
RGB	8, 42, 196
RGB Percent	3%, 16%, 77%
CMY	0.9686, 0.8353, 0.2314
CMYK	0.96, 0.79, 0.00, 0.23
HSL	229°, 92%, 40%
HSV	229°, 96%, 77%
XYZ	10.8919, 5.6931, 52.7494
YIQ	49.3900, -69.6980, 40.6860

# Conversions

## Conversions Part 2

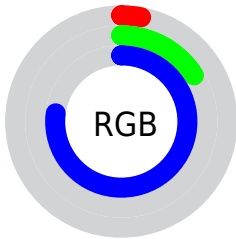
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 37, 196
Decimal	535236
CIELab	28.62, 50.51, -80.14
CIELCh	29, 94.731, 302.225
Yxy	5.6931, 0.1571, 0.0821
Android (android.graphics.Color)	4278725316 (0xFF082AC4)
YUV	49.3900, 72.2787, -36.2990
Hunter-Lab	23.8602, 39.7280, -114.3745

# Details

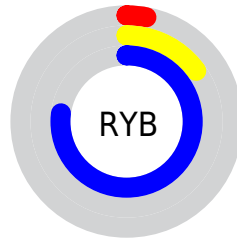
The Hex color **082AC4** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C4A208**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **675AFE**, and **00008D** is the 20% darker color. If you saturate the color by 10%, you get **0023C4**, and if you desaturate by 10%, it is **1C3AC4**.

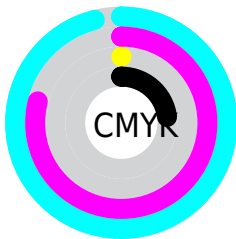
# Distribution



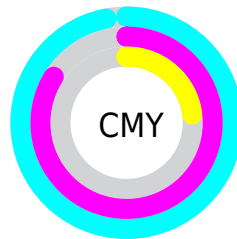
- Red (3%)
- Green (16%)
- Blue (77%)



- Red (3%)
- Yellow (15%)
- Blue (77%)



- Cyan (96%)
- Magenta (79%)
- Yellow (0%)
- Black (23%)



- Cyan (97%)
- Magenta (84%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 082AC4 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 082AC4 by changing the saturation by 10% instead.



■ 082AC4

■ 082AC4

FFFFFF

■ 0013A8

■ 675AFE

■ 00008D

■ 8773FF

■ 000072

■ A78DFF

■ 000C58

■ C6A8FF

■ 000740

■ E5C3FF

■ 000329

■ FFDFFF

■ 000113

■ FFFCFF

■ 000000

■ 082AC4

■ 082AC4

■ 0023C4

■ 1C3AC4

■ 2F4AC4

■ 435AC4

■ 566AC4

■ 6A7AC4

■ 7E8AC4

■ 919AC4

■ A5AAC4

■ B8BAC4

# Harmonies

## Analogous

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



0050DC



082AC4



97008A

# Triad

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



082AC4



861800



005A48

# Complementary

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



082AC4



C4A208

# 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.



005800



082AC4



4F4400

# Square

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



082AC4



AC0000



005300



005C92

# Rectangle

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



082AC4



B1005A



005300



005A2D



# Sweetspot

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



082AC4



B5C2FF



08C4A2



535B80



000000



808080



# Same Dimension

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



082AC4



002EFF



4408C4



575961



001DA1



000621



# Inverse Universe

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



C4082A



FF002E



88C408



615759



A1001D

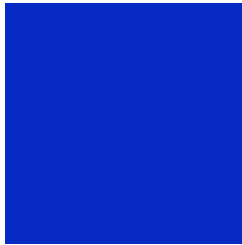


210006



# Previews

## White Background



This preview shows how the Hex color 082AC4 looks on a white background.

## Color Contrast Check

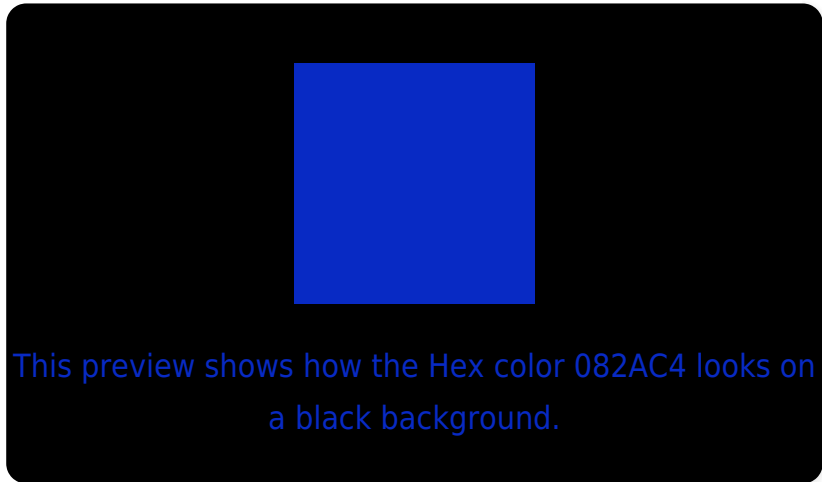
Large Text (above 18pt) WCAG AA ✓ Pass

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

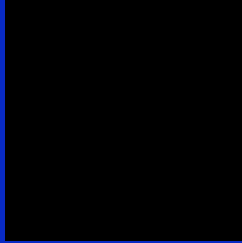
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 082AC4 Background



This preview shows how black text looks on a background with the Hex color 082AC4.



This preview shows how white text looks on a background with the Hex color 082AC4.

# 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**  
082AC4

**Protanopia**  
004189

**Deuteranopia**  
004674



**Tritanopia**  
004B4F

# Trichromacy



**Original Color**  
082AC4

**Protanomaly**  
03399E

**Deuteranomaly**  
033C91

**Tritanomaly**  
033F7A

# Monochromacy



**Original Color**  
082AC4

**Achromatopsia**  
313131

**Achromatomaly**  
222E66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 082AC4 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 #082AC4 looks like.

```
.text, #text, p{  
    color:#082AC4  
}
```

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 #082AC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #082AC4
}
```

## Border

The CSS property to change the border of an element to Hex 082AC4 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
#082AC4 }
```

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

```
.border{ border-color:#082AC4 }
```

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

Here you see how a box with a 4 pixel #082AC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #082AC4; -webkit-box-shadow:4px 4px  
4px 4px #082AC4; box-shadow:4px 4px 4px  
4px #082AC4 }
```

# Background

The CSS property to change the background color of an element to Hex 082AC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#082AC4 }
```

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

```
.background{ background-color:#082AC4 }
```

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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