

Converting Colors

Hex(081AB7)

Have a look what the booklet for
Hex(081AB7) contains.

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Color

Hex(081AB7)

Conversions

Conversions Part 1

Format	Color
Hex	081AB7
RGB	8, 26, 183
RGB Percent	3%, 10%, 72%
CMY	0.9686, 0.8980, 0.2824
CMYK	0.96, 0.86, 0.00, 0.28
HSL	234°, 92%, 37%
HSV	234°, 96%, 72%
XYZ	9.0168, 4.2093, 45.1370
YIQ	38.5160, -61.1250, 45.0110

Conversions

Conversions Part 2

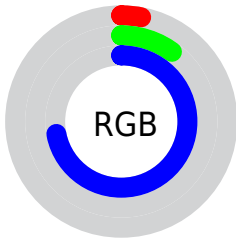
Format	Color
R_{YB}	8, 24, 183
Decimal	531127
CIE _{Lab}	24.35, 54.11, -79.55
CIE _{LCh}	24, 96.211, 304.221
Yxy	4.2093, 0.1545, 0.0721
Android (android.graphics.Color)	4278721207 (0xFF081AB7)
YUV	38.5160, 71.2306, -26.7625
Hunter-Lab	20.5166, 42.5443, -116.0777

Details

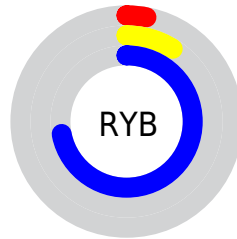
The Hex color **081AB7** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **B7A508**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **644BF0**, and **000080** is the 20% darker color. If you saturate the color by 10%, you get **0013B7**, and if you desaturate by 10%, it is **1A2AB7**.

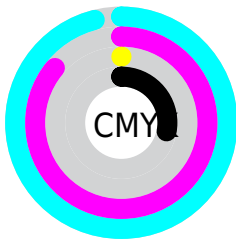
Distribution



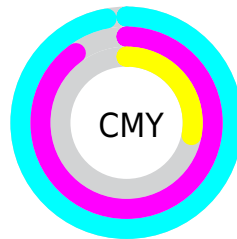
- Red (3%)
- Green (10%)
- Blue (72%)



- Red (3%)
- Yellow (9%)
- Blue (72%)



- Cyan (96%)
- Magenta (86%)
- Yellow (0%)
- Black (28%)



- Cyan (97%)
- Magenta (90%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 081AB7 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 081AB7 by changing the saturation by 10% instead.

■ 081AB7

FFFFFF

■ 644BF0

■ 8464FF

■ A37EFF

■ C299FF

■ E1B4FF

■ FFD0FF

■ FFEDFF

■ 081AB7

■ 081AB7

■ 00009B

■ 000080

■ 000066

■ 000A4D

■ 000535

■ 00021F

■ 000002

■ 000000

■ 081AB7

■ 0013B7

■ 1A2AB7

■ 2D3BB7

■ 3F4BB7

■ 515CB7

■ 646CB7

■ 767DB7

■ 888DB7

■ 9A9DB7

■ ADAEB7

Harmonies

Analogous

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



0046D2



081AB7



90007B

Triad

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



081AB7



770F00



005043

Complementary

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



081AB7



B7A508

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.



004D00



081AB7



3F3C00

Square

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



081AB7



9D0000



004900



00528C

Rectangle

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



081AB7



A7004C



004900



004F29

Sweetspot

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



081AB7



A8AFED



08B7A3



4E5278



F7F7F7



787878

Same Dimension

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



081AB7



0018ED



4B08B7



53545C



00109C



00031C

Inverse Universe

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



B7081A



ED0018



74B708



5C5354



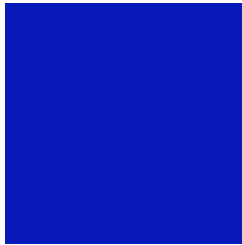
9C0010



1C0003

Previews

White Background



This preview shows how the Hex color 081AB7 looks on a white background.

Color Contrast Check

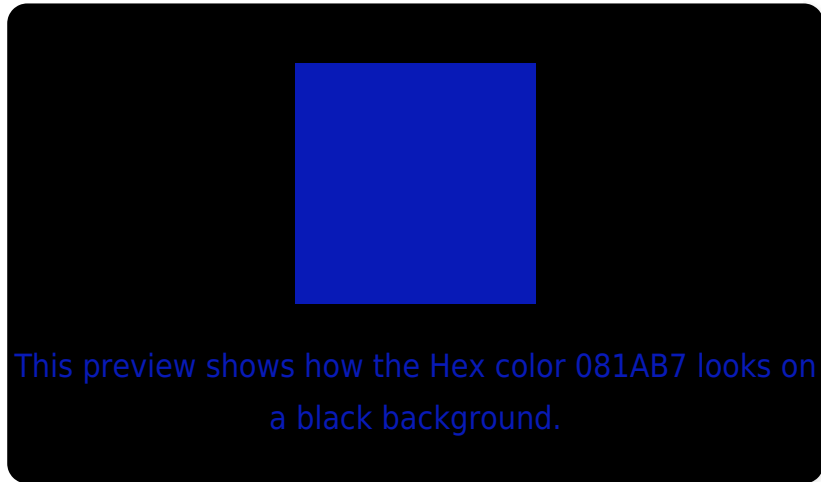
Large Text (above 18pt) WCAG AA ✓ Pass

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 081AB7 Background



This preview shows how black text looks on a background with the Hex color 081AB7.



This preview shows how white text looks on a background with the Hex color 081AB7.

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
081AB7

Protanopia
003977

Deuteranopia
003D65

Trichromacy



Original Color
081AB7

Protanomaly
032E8E

Deuteranomaly
033083

Tritanomaly
03336E

Monochromacy



Original Color
081AB7

Achromatopsia
272727

Achromatomaly
1C225B

CSS Examples

Text

The CSS property to change the color of the text to Hex 081AB7 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 #081AB7 looks like.

```
.text, #text, p{  
    color:#081AB7  
}
```

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 #081AB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #081AB7
}
```

Border

The CSS property to change the border of an element to Hex 081AB7 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".

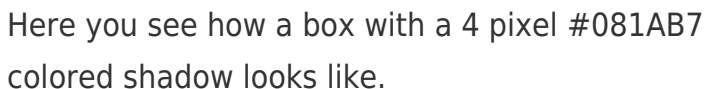
```
.border, #border, table{ border:4px solid
#081AB7 }
```

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

```
.border{ border-color:#081AB7 }
```

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

Here you see how a box with a 4 pixel #081AB7 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #081AB7; -webkit-box-shadow:4px 4px  
4px 4px #081AB7; box-shadow:4px 4px 4px  
4px #081AB7 }
```

Background

The CSS property to change the background color of an element to Hex 081AB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#081AB7 }
```

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

```
.background{ background-color:#081AB7 }
```

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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