

# Converting Colors

Hex(083ADD)

Have a look what the booklet for  
Hex(083ADD) contains.

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# Color

**Hex(083ADD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	083ADD
RGB	8, 58, 221
RGB Percent	3%, 23%, 87%
CMY	0.9686, 0.7725, 0.1333
CMYK	0.96, 0.74, 0.00, 0.13
HSL	226°, 93%, 45%
HSV	226°, 96%, 87%
XYZ	14.6643, 8.2982, 69.2354
YIQ	61.6320, -82.1230, 40.0930

# Conversions

## Conversions Part 2

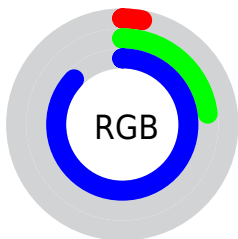
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">8, 48, 221</a>
Decimal	<a href="#">539357</a>
CIELab	<a href="#">34.60, 50.08, -84.75</a>
CIELCh	<a href="#">35, 98.441, 300.582</a>
Yxy	<a href="#">8.2982, 0.1591, 0.0900</a>
Android (android.graphics.Color)	<a href="#">4278729437</a> ( <a href="#">0xFF083ADD</a> )
YUV	<a href="#">61.6320, 78.5684, -47.0353</a>
Hunter-Lab	<a href="#">28.8066, 40.4561, -122.3364</a>

# Details

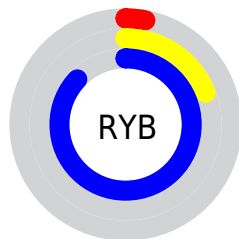
The Hex color **083ADD** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DDAB08**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6D6AFF**, and **000FA4** is the 20% darker color. If you saturate the color by 10%, you get **0034DD**, and if you desaturate by 10%, it is **1E4BDD**.

# Distribution



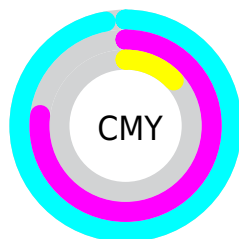
- Red (3%)
- Green (23%)
- Blue (87%)



- Red (3%)
- Yellow (19%)
- Blue (87%)



- Cyan (96%)
- Magenta (74%)
- Yellow (0%)
- Black (13%)



- Cyan (97%)
- Magenta (77%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 083ADD 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 083ADD by changing the saturation by 10% instead.




 083ADD

 083ADD


FFFFFF

 0024C0

 6D6AFF

 000FA4

 8E84FF

 000089

 AE9EFF

 00006F

 CEB9FF

 000C55

 EED5FF

 00063D

 FFF2FF

 000326

 00010F

 000000

■ 083ADD

■ 083ADD

■ 0034DD

■ 1E4BDD

■ 345CDD

■ 4A6DDD

■ 607EDD

■ 778FDD

■ 8D9FDD

■ A3B0DD

■ B9C1DD

■ CFD2DD

# Harmonies

## Analogous

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



005FF4



083ADD



A900A0

# Triad

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



083ADD



9D2200



006B51

# Complementary

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



083ADD



DDAB08

# 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.



006800



083ADD



635000

# Square

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



083ADD



C40006



006100



006DA1

# Rectangle

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



083ADD



C7006E



006100



006A35



# Sweetspot

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



083ADD



B5C6FF



08DDA8



535D80



000000



808080



# Same Dimension

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



083ADD



003CFF



3D08DD



63656E



0029AD



000B2E



# Inverse Universe

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



DD083A



FF003C



A8DD08



6E6365



AD0029

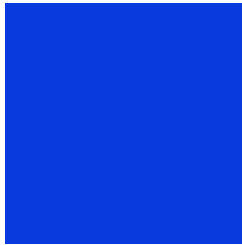


2E000B



# Previews

## White Background



This preview shows how the Hex color 083ADD looks on a white background.

## Color Contrast Check

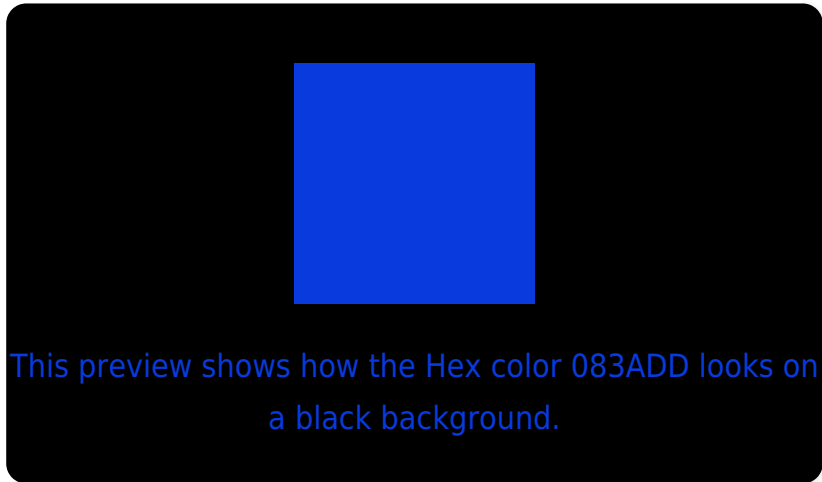
Large Text (above 18pt) WCAG AA ✓ Pass

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

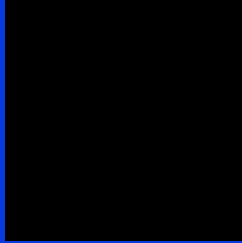
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 083ADD Background



This preview shows how black text looks on a background with the Hex color 083ADD.



This preview shows how white text looks on a background with the Hex color 083ADD.

# 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





**Tritanopia**  
005A5E

# Trichromacy



**Original Color**  
083ADD

**Protanomaly**  
0347B9

**Deuteranomaly**  
034AA9

**Tritanomaly**  
034E8C

# Monochromacy



**Original Color**  
083ADD

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
2A3D78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 083ADD 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 #083ADD looks like.

```
.text, #text, p{  
  color:#083ADD  
}
```

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 #083ADD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #083ADD
}
```

## Border

The CSS property to change the border of an element to Hex 083ADD 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
#083ADD }
```

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

```
.border{ border-color:#083ADD }
```

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

Here you see how a box with a 4 pixel #083ADD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #083ADD; -webkit-box-shadow:4px 4px  
4px 4px #083ADD; box-shadow:4px 4px 4px  
4px #083ADD }
```

# Background

The CSS property to change the background color of an element to Hex 083ADD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#083ADD }
```

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

```
.background{ background-color:#083ADD }
```

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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