

# Converting Colors

Hex(043BD8)

Have a look what the booklet for  
Hex(043BD8) contains.

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# Color

**Hex(043BD8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	043BD8
RGB	4, 59, 216
RGB Percent	2%, 23%, 85%
CMY	0.9843, 0.7686, 0.1529
CMYK	0.98, 0.73, 0.00, 0.15
HSL	224°, 96%, 43%
HSV	224°, 98%, 85%
XYZ	14.0087, 8.1116, 65.7931
YIQ	60.4530, -83.1770, 37.1670

# Conversions

## Conversions Part 2

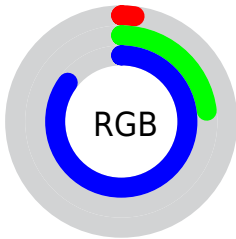
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	4, 48, 216
Decimal	277464
CIE Lab	34.21, 47.67, -82.51
CIE LCh	34, 95.290, 300.019
Yxy	8.1116, 0.1593, 0.0923
Android (android.graphics.Color)	4278467544 (0xFF043BD8)
YUV	60.4530, 76.6847, -49.5093
Hunter-Lab	28.4809, 37.9561, -117.0280

# Details

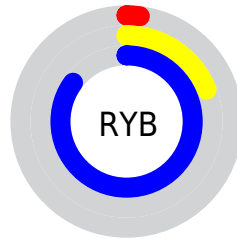
The Hex color **043BD8** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D8A104**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6B6BFF**, and **0011A0** is the 20% darker color. If you saturate the color by 10%, you get **0038D8**, and if you desaturate by 10%, it is **1A4BD8**.

# Distribution



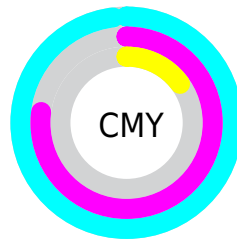
- Red (2%)
- Green (23%)
- Blue (85%)



- Red (2%)
- Yellow (19%)
- Blue (85%)



- Cyan (98%)
- Magenta (73%)
- Yellow (0%)
- Black (15%)



- Cyan (98%)
- Magenta (77%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 043BD8 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 043BD8 by changing the saturation by 10% instead.



 043BD8

 043BD8

FFFFFF

 0025BB

 6B6BFF

 0011A0

 8C84FF

 000084

 AC9FFF

 00016A

 CBBAFF

 000B51

 EBD6FF

 000539

 FFF2FF

 000222

 000009

 000000

■ 043BD8

■ 043BD8

■ 0038D8

■ 1A4BD8

■ 2F5BD8

■ 456BD8

■ 5A7BD8

■ 708BD8

■ 869BD8

■ 9BABD8

■ B1BBD8

■ C6CBD8

# Harmonies

## Analogous

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



005EEE



043BD8



A4009E

# Triad

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



043BD8



9B2300



006A4F

# Complementary

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



043BD8



D8A104

# 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.



006700



043BD8



634F00

# Square

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



043BD8



C0000A



006000



006B9C

# Rectangle

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



043BD8



C2006D



006000



006933



# Sweetspot

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



043BD8



B5C8FF



04D89F



535E80



000000



808080



# Same Dimension

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



043BD8



0042FF



3504D8



60636B



002CAB



000B2B



# Inverse Universe

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



D8043B



FF0042



A7D804



6B6063



AB002C



2B000B



# Previews

## White Background



This preview shows how the Hex color 043BD8 looks on a white background.

## Color Contrast Check

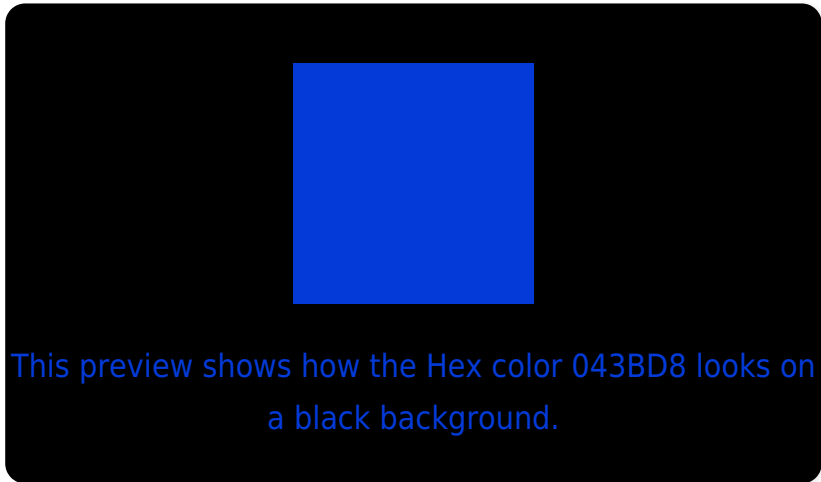
Large Text (above 18pt) WCAG AA ✓ Pass

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

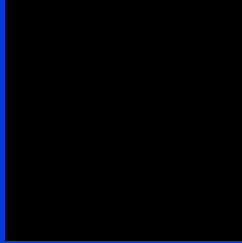
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 043BD8 Background



This preview shows how black text looks on a background with the Hex color 043BD8.



This preview shows how white text looks on a background with the Hex color 043BD8.

# 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





# Trichromacy



**Original Color**  
043BD8

**Protanomaly**  
0146B6

**Deuteranomaly**  
014AA7

**Tritanomaly**  
014E8A

# Monochromacy



**Original Color**  
043BD8

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
283C75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 043BD8 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 #043BD8 looks like.

```
.text, #text, p{  
    color:#043BD8  
}
```

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 #043BD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #043BD8
}
```

## Border

The CSS property to change the border of an element to Hex 043BD8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

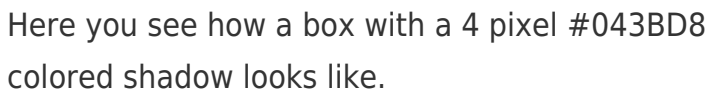
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#043BD8 }
```

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

```
.border{ border-color:#043BD8 }
```

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



Here you see how a box with a 4 pixel #043BD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #043BD8; -webkit-box-shadow:4px 4px  
4px 4px #043BD8; box-shadow:4px 4px 4px  
4px #043BD8 }
```

# Background

The CSS property to change the background color of an element to Hex 043BD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#043BD8 }
```

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

```
.background{ background-color:#043BD8 }
```

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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