

Converting Colors

Hex(023ABF)

Have a look what the booklet for
Hex(023ABF) contains.

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Color

Hex(023ABF)

Conversions

Conversions Part 1

Format	Color
Hex	023ABF
RGB	2, 58, 191
RGB Percent	1%, 23%, 75%
CMY	0.9922, 0.7725, 0.2510
CMYK	0.99, 0.70, 0.00, 0.25
HSL	222°, 98%, 38%
HSV	222°, 99%, 75%
XYZ	10.9421, 6.8006, 50.0262
YIQ	56.4180, -76.0690, 29.4910

Conversions

Conversions Part 2

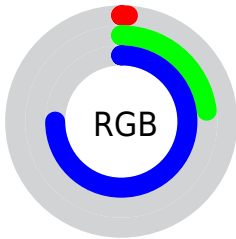
Format	Color
R _Y B	2, 45, 191
Decimal	146111
CIE Lab	31.35, 39.14, -72.69
CIE LCh	31, 82.561, 298.303
Yxy	6.8006, 0.1615, 0.1004
Android (android.graphics.Color)	4278336191 (0xFF023ABF)
YUV	56.4180, 66.3489, -47.7246
Hunter-Lab	26.0780, 29.2604, -95.4832

Details

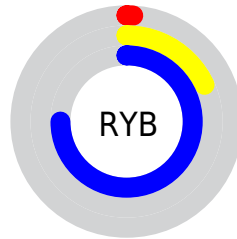
The Hex color **023ABF** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BF8702**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6269F9**, and **001188** is the 20% darker color. If you saturate the color by 10%, you get **0039BF**, and if you desaturate by 10%, it is **1547BF**.

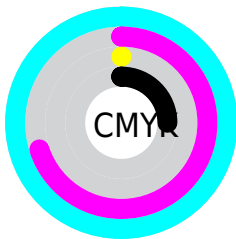
Distribution



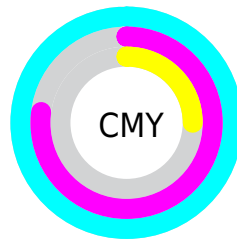
- Red (1%)
- Green (23%)
- Blue (75%)



- Red (1%)
- Yellow (18%)
- Blue (75%)



- Cyan (99%)
- Magenta (70%)
- Yellow (0%)
- Black (25%)



- Cyan (99%)
- Magenta (77%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023ABF 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 023ABF by changing the saturation by 10% instead.

■ 023ABF

FFFFFF

■ 6269F9

■ 8282FF

■ A19CFF

■ C0B7FF

■ DED3FF

■ FDEFFF

■ 023ABF

■ 023ABF

■ 0025A3

■ 001188

■ 00006E

■ 000A54

■ 00063C

■ 000226

■ 00010E

■ 000000

■ 023ABF

■ 0039BF

■ 1547BF

■ 2855BF

■ 3B62BF

■ 4E70BF

■ 627DBF

■ 758BBF

■ 8898BF

■ 9BA6BF

■ AEB3BF

Harmonies

Analogous

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



0056CF



023ABF



8E008F

Triad

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



023ABF



8E2200



006044

Complementary

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



023ABF



BF8702

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.



005D00



023ABF



5E4700

Square

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



023ABF



AC0012



125700



006187

Rectangle

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



023ABF



AA0066



125700



005F2D

Sweetspot

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



023ABF



ADC3F7



02BF86



505D7D



FCFCFC



7D7D7D

Same Dimension

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



023ABF



0049F7



2802BF



55585E



002F9E



00091F

Inverse Universe

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



BF023A



F70049



99BF02



5E5558



9E002F



1F0009

Previews

White Background



This preview shows how the Hex color 023ABF looks on a white background.

Color Contrast Check

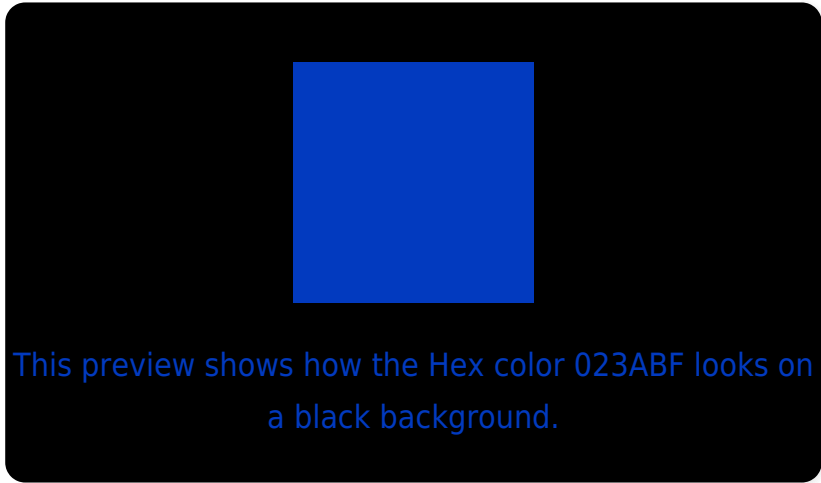
Large Text (above 18pt) WCAG AA ✓ Pass

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

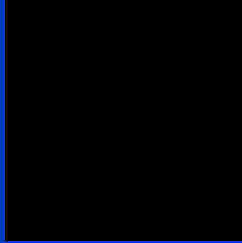
Any Text WCAG AA × Fail

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 023ABF Background



This preview shows how black text looks on a background with the Hex color 023ABF.

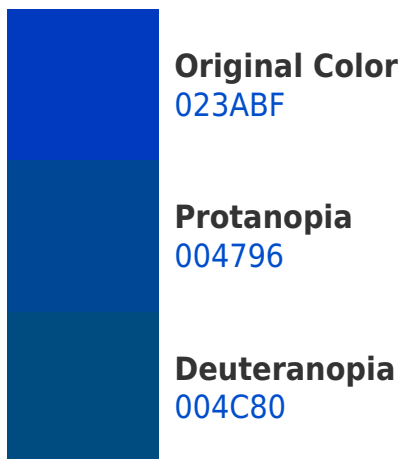


This preview shows how white text looks on a background with the Hex color 023ABF.

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
023ABF

Protanomaly
0142A5

Deuteranomaly
014597

Tritanomaly
01497C

Monochromacy



Original Color
023ABF

Achromatopsia
383838

Achromatomaly
243969

CSS Examples

Text

The CSS property to change the color of the text to Hex 023ABF 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 #023ABF looks like.

```
.text, #text, p{  
    color:#023ABF  
}
```

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 #023ABF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023ABF
}
```

Border

The CSS property to change the border of an element to Hex 023ABF 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
#023ABF }
```

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

```
.border{ border-color:#023ABF }
```

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

Here you see how a box with a 4 pixel #023ABF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023ABF; -webkit-box-shadow:4px 4px  
4px 4px #023ABF; box-shadow:4px 4px 4px  
4px #023ABF }
```

Background

The CSS property to change the background color of an element to Hex 023ABF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023ABF }
```

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

```
.background{ background-color:#023ABF }
```

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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