

Converting Colors

Hex(010BC3)

Have a look what the booklet for
Hex(010BC3) contains.

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Color

Hex(010BC3)

Conversions

Conversions Part 1

Format	Color
Hex	010BC3
RGB	1, 11, 195
RGB Percent	0%, 4%, 76%
CMY	0.9961, 0.9569, 0.2353
CMYK	0.99, 0.94, 0.00, 0.24
HSL	237°, 99%, 38%
HSV	237°, 99%, 76%
XYZ	9.9825, 4.1859, 51.9116
YIQ	28.9860, -65.0240, 55.1040

Conversions

Conversions Part 2

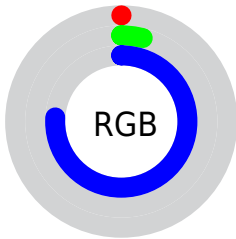
Format	Color
R_{YB}	1, 11, 195
Decimal	68547
CIE _{Lab}	24.28, 62.30, -86.80
CIE _{LCh}	24, 106.842, 305.668
Yxy	4.1859, 0.1511, 0.0633
Android (android.graphics.Color)	4278258627 (0xFF010BC3)
YUV	28.9860, 81.8449, -24.5437
Hunter-Lab	20.4595, 51.2886, -136.1137

Details

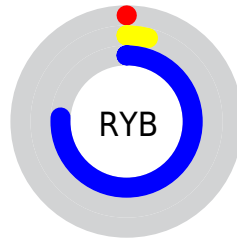
The Hex color **010BC3** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **C3B901**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6843FD**, and **00008B** is the 20% darker color. If you saturate the color by 10%, you get **000AC3**, and if you desaturate by 10%, it is **141DC3**.

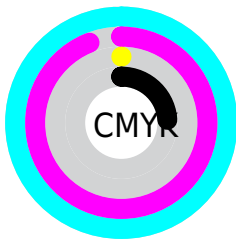
Distribution



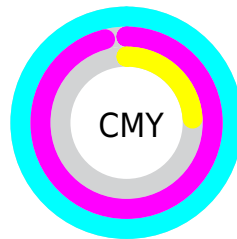
- Red (0%)
- Green (4%)
- Blue (76%)



- Red (0%)
- Yellow (4%)
- Blue (76%)



- Cyan (99%)
- Magenta (94%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (96%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 010BC3 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 010BC3 by changing the saturation by 10% instead.

 010BC3

 010BC3

FFFFFF

 0000A7

 6843FD

 00008B

 885DFF

 000071

 A877FF

 000C57

 C892FF

 00063F

 E7ADFF


 000328


 FFC9FF

 000112

 FFE6FF

 000000

 010BC3

 010BC3

■ 000AC3

■ 141DC3

■ 2830C3

■ 3C42C3

■ 4F55C3

■ 6267C3

■ 767AC3

■ 898CC3

■ 9D9FC3

■ B1B1C3

Harmonies

Analogous

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



0047E4



010BC3



9B007E

Triad

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



010BC3



790900



005148

Complementary

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



010BC3



C3B901

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.



004E00



010BC3



3A3D00

Square

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



010BC3



A40000



004A00



005399

Rectangle

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



010BC3



B2004A



004A00



00502C

Sweetspot

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



010BC3



B1B5FC



01C3B6



525480



000000



808080

Same Dimension

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



010BC3



000DFC



5501C3



575861



0008A1



000221

Inverse Universe

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



C3010B



FC000D



6FC301



615758



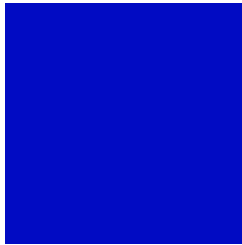
A10008



210002

Previews

White Background



This preview shows how the Hex color 010BC3 looks on a white background.

Color Contrast Check

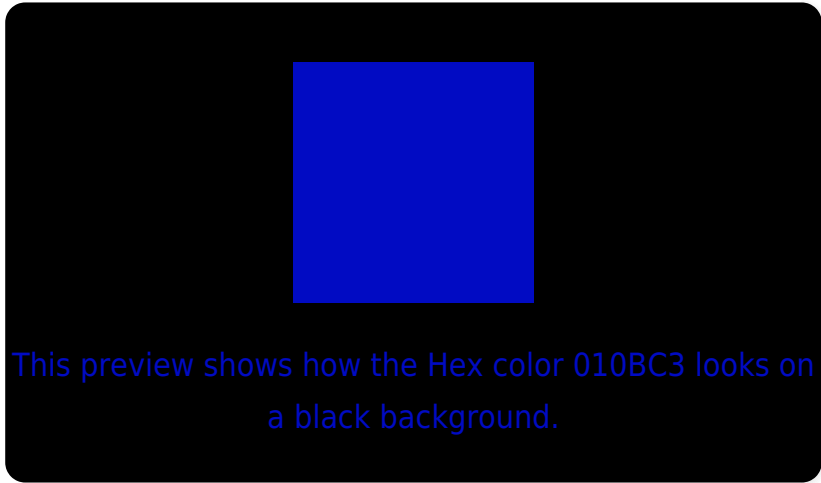
Large Text (above 18pt) WCAG AA ✓ Pass

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

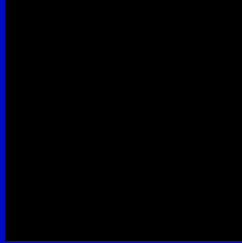
Any Text WCAG AA × Fail

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 010BC3 Background



This preview shows how black text looks on a background with the Hex color 010BC3.



This preview shows how white text looks on a background with the Hex color 010BC3.

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
010BC3

Protanopia
003978

Deuteranopia
003D66

Trichromacy



Original Color
010BC3

Protanomaly
002893

Deuteranomaly
002B88

Tritanomaly
002E73

Monochromacy



Original Color
010BC3

Achromatopsia
1D1D1D

Achromatomaly
131659

CSS Examples

Text

The CSS property to change the color of the text to Hex 010BC3 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 #010BC3 looks like.

```
.text, #text, p{  
    color:#010BC3  
}
```

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 #010BC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #010BC3
}
```

Border

The CSS property to change the border of an element to Hex 010BC3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

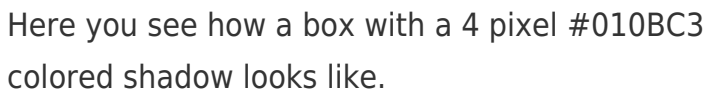
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#010BC3 }
```

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

```
.border{ border-color:#010BC3 }
```

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



Here you see how a box with a 4 pixel #010BC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #010BC3; -webkit-box-shadow:4px 4px  
4px 4px #010BC3; box-shadow:4px 4px 4px  
4px #010BC3 }
```

Background

The CSS property to change the background color of an element to Hex 010BC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#010BC3 }
```

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

```
.background{ background-color:#010BC3 }
```

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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