

Converting Colors

Hex(033AB4)

Have a look what the booklet for
Hex(033AB4) contains.

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Color

Hex(033AB4)

Conversions

Conversions Part 1

Format	Color
Hex	033AB4
RGB	3, 58, 180
RGB Percent	1%, 23%, 71%
CMY	0.9882, 0.7725, 0.2941
CMYK	0.98, 0.68, 0.00, 0.29
HSL	221°, 97%, 36%
HSV	221°, 98%, 71%
XYZ	9.7888, 6.3408, 43.8880
YIQ	55.4630, -71.9420, 26.2820

Conversions

Conversions Part 2

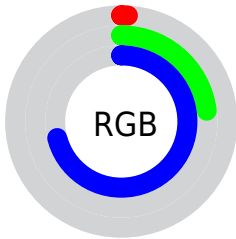
Format	Color
R_{YB}	3, 45, 180
Decimal	211636
CIE _{Lab}	30.26, 34.99, -67.99
CIE _{LCh}	30, 76.460, 297.232
Yxy	6.3408, 0.1631, 0.1056
Android (android.graphics.Color)	4278401716 (0xFF033AB4)
YUV	55.4630, 61.3967, -46.0101
Hunter-Lab	25.1809, 25.3237, -85.7105

Details

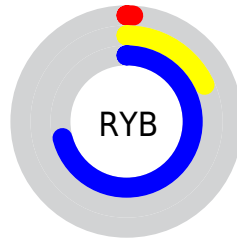
The Hex color **033AB4** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B47D03**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5F69ED**, and **00127E** is the 20% darker color. If you saturate the color by 10%, you get **0038B4**, and if you desaturate by 10%, it is **1546B4**.

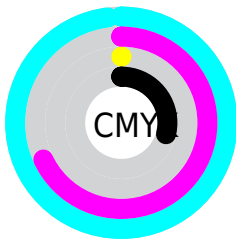
Distribution



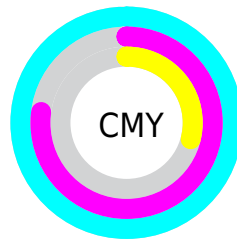
- Red (1%)
- Green (23%)
- Blue (71%)



- Red (1%)
- Yellow (18%)
- Blue (71%)



- Cyan (98%)
- Magenta (68%)
- Yellow (0%)
- Black (29%)



- Cyan (99%)
- Magenta (77%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033AB4 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 033AB4 by changing the saturation by 10% instead.

■ 033AB4

■ 033AB4

FFFFFF

■ 002599

■ 5F69ED

■ 00127E

■ 7E82FF

■ 000064

■ 9D9CFF

■ 00094B

■ BBB7FF

■ 000433

■ D9D3FF

■ 00021D

■ F8EFFF

■ 000000

■ 033AB4

■ 033AB4

■ 0038B4

■ 1546B4

 2753B4

 395FB4

 4B6CB4

 5D78B4

 6F84B4

 8191B4

 939DB4

 A5AAB4

Harmonies

Analogous

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



0052C2



033AB4



850089

Triad

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



033AB4



882200



005C40

Complementary

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



033AB4



B47D03

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.



005A00



033AB4



5D4400

Square

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



033AB4



A30016



1D5300



005E7D

Rectangle

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



033AB4



9F0063



1D5300



005C2A

Sweetspot

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



033AB4



A4BAEB



03B47C



4B5875



F5F5F5



757575

Same Dimension

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



033AB4



0049EB



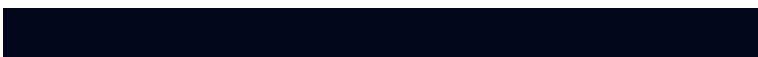
2303B4



505359



003099



00081A

Inverse Universe

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



B4033A



EB0049



94B403



595053



990030



1A0008

Previews

White Background



This preview shows how the Hex color 033AB4 looks on a white background.

Color Contrast Check

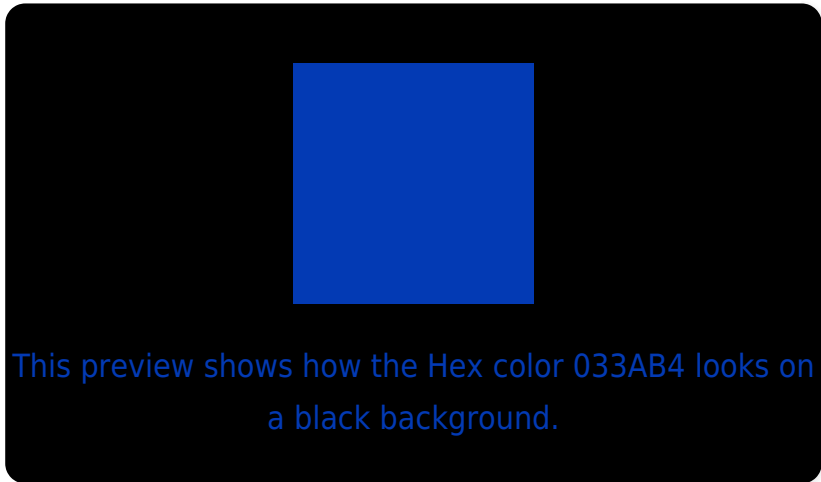
Large Text (above 18pt) WCAG AA ✓ Pass

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

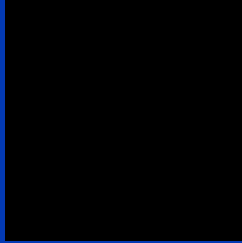
Any Text WCAG AA × Fail

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 033AB4 Background



This preview shows how black text looks on a background with the Hex color 033AB4.



This preview shows how white text looks on a background with the Hex color 033AB4.

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
033AB4

Protanopia
004591

Deuteranopia
00497C



Tritanopia
004F54

Trichromacy



Original Color
033AB4

Protanomaly
01419E

Deuteranomaly
014490

Tritanomaly
014777

Monochromacy



Original Color
033AB4

Achromatopsia
373737

Achromatomaly
243864

CSS Examples

Text

The CSS property to change the color of the text to Hex 033AB4 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 #033AB4 looks like.

```
.text, #text, p{  
    color:#033AB4  
}
```

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 #033AB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033AB4
}
```

Border

The CSS property to change the border of an element to Hex 033AB4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

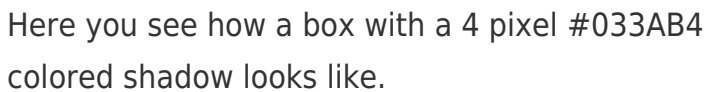
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#033AB4 }
```

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

```
.border{ border-color:#033AB4 }
```

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



Here you see how a box with a 4 pixel #033AB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033AB4; -webkit-box-shadow:4px 4px  
4px 4px #033AB4; box-shadow:4px 4px 4px  
4px #033AB4 }
```

Background

The CSS property to change the background color of an element to Hex 033AB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033AB4 }
```

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

```
.background{ background-color:#033AB4 }
```

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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