

Converting Colors

Hex(0033BE)

Have a look what the booklet for
Hex(0033BE) contains.

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Color

Hex(0033BE)

Conversions

Conversions Part 1

Format	Color
Hex	0033BE
RGB	0, 51, 190
RGB Percent	0%, 20%, 75%
CMY	1.0000, 0.8000, 0.2549
CMYK	1.00, 0.73, 0.00, 0.25
HSL	224°, 100%, 37%
HSV	224°, 100%, 75%
XYZ	10.4781, 6.0854, 49.3375
YIQ	51.5970, -75.0150, 32.4170

Conversions

Conversions Part 2

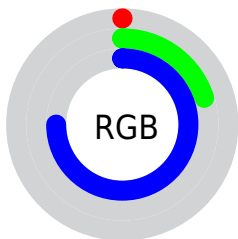
Format	Color
RYB	0, 40, 190
Decimal	13246
CIELab	29.63, 43.08, -74.95
CIELCh	30, 86.447, 299.889
Yxy	6.0854, 0.1590, 0.0923
Android (android.graphics.Color)	4278203326 (0xFF0033BE)
YUV	51.5970, 68.2327, -45.2506
Hunter-Lab	24.6685, 32.6490, -101.3132

Details

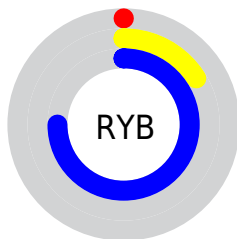
The Hex color **0033BE** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BE8B00**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6262F8**, and **000A87** is the 20% darker color. If you saturate the color by 10%, you get **0033BE**, and if you desaturate by 10%, it is **1341BE**.

Distribution



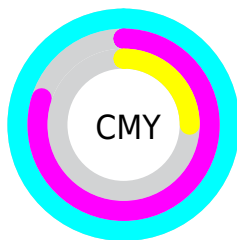
- Red (0%)
- Green (20%)
- Blue (75%)



- Red (0%)
- Yellow (16%)
- Blue (75%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (80%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0033BE 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 0033BE by changing the saturation by 10% instead.

 0033BE

 0033BE

FFFFFF

 001EA2

 6262F8

 000A87

 827BFF

 00006D

 A195FF

 000B53

 C0B0FF

 00063B

 DFCBFF

 000225

 FEE8FF

 00010D

 000000

 0033BE

■ 1341BE

■ 264FBE

■ 395DBE

■ 4C6BBE

■ 5F78BE

■ 7286BE

■ 8594BE

■ 98A2BE

■ ABB0BE

Harmonies

Analogous

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



0052D1



0033BE



8F008B

Triad

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



0033BE



881D00



005C44

Complementary

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



0033BE



BE8B00

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.



005900



0033BE



574400

Square

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



0033BE



A90007



005300



005E88

Rectangle

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



0033BE



AA0060



005300



005B2C

Sweetspot

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



0033BE



ADC1F7



00BE88



505C7D



FCFCFC



7D7D7D

Same Dimension

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



0033BE



0042F7



2900BE



55575E



002A9E



00081F

Inverse Universe

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



BE0033



F70042



95BE00



5E5557



9E002A



1F0008

Previews

White Background



This preview shows how the Hex color 0033BE looks on a white background.

Color Contrast Check

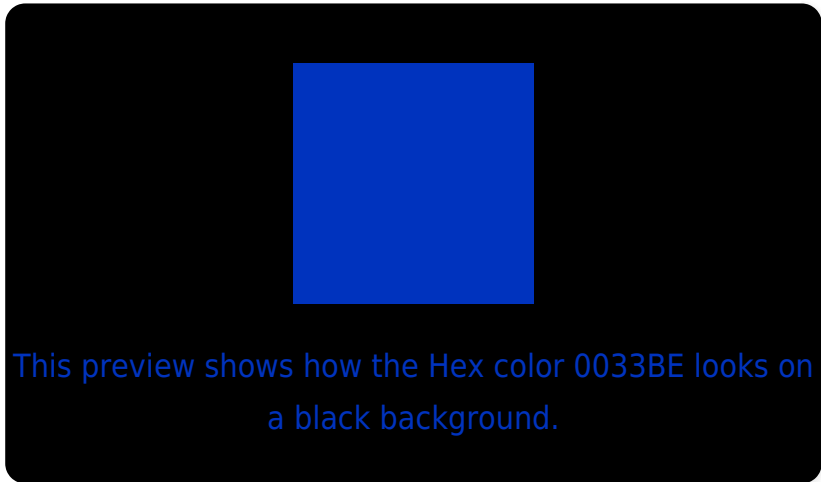
Large Text (above 18pt) WCAG AA ✓ Pass

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

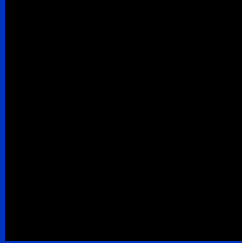
Any Text WCAG AA × Fail

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 0033BE Background



This preview shows how black text looks on a background with the Hex color 0033BE.



This preview shows how white text looks on a background with the Hex color 0033BE.

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
004E52

Trichromacy



Original Color
0033BE

Protanomaly
003E9F

Deuteranomaly
004092

Tritanomaly
004479

Monochromacy



Original Color
0033BE

Achromatopsia
343434

Achromatomaly
213466

CSS Examples

Text

The CSS property to change the color of the text to Hex 0033BE 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 #0033BE looks like.

```
.text, #text, p{  
    color:#0033BE  
}
```

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 #0033BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0033BE
}
```

Border

The CSS property to change the border of an element to Hex 0033BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

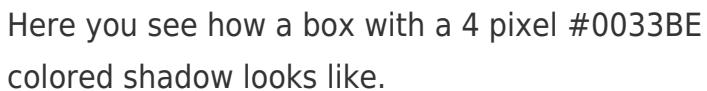
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0033BE }
```

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

```
.border{ border-color:#0033BE }
```

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



Here you see how a box with a 4 pixel #0033BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0033BE; -webkit-box-shadow:4px 4px  
4px 4px #0033BE; box-shadow:4px 4px 4px  
4px #0033BE }
```

Background

The CSS property to change the background color of an element to Hex 0033BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0033BE }
```

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

```
.background{ background-color:#0033BE }
```

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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