

Converting Colors

Hex(004ABE)

Have a look what the booklet for
Hex(004ABE) contains.

Hex(004ABE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(004ABE)

Conversions

Conversions Part 1

Format	Color
Hex	004ABE
RGB	0, 74, 190
RGB Percent	0%, 29%, 75%
CMY	1.0000, 0.7098, 0.2549
CMYK	1.00, 0.61, 0.00, 0.25
HSL	217°, 100%, 37%
HSV	217°, 100%, 75%
XYZ	11.7430, 8.6153, 49.7592
YIQ	65.0980, -81.3400, 20.3880

Conversions

Conversions Part 2

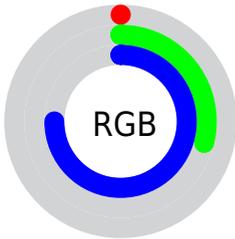
Format	Color
RYB	0, 53, 190
Decimal	19134
CIELab	35.23, 28.20, -65.72
CIELCh	35, 71.514, 293.223
Yxy	8.6153, 0.1675, 0.1229
Android (android.graphics.Color)	4278209214 (0xFF004ABE)
YUV	65.0980, 61.5767, -57.0909
Hunter-Lab	29.3518, 20.0486, -79.9663

Details

The Hex color **004ABE** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **BE7400**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **607AF7**, and **002087** is the 20% darker color. If you saturate the color by 10%, you get **004ABE**, and if you desaturate by 10%, it is **1356BE**.

Distribution



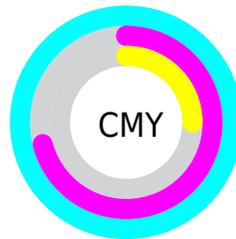
- Red (0%)
- Green (29%)
- Blue (75%)



- Red (0%)
- Yellow (21%)
- Blue (75%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (71%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004ABE 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 004ABE by changing the saturation by 10% instead.

 004ABE

 004ABE

FFFFFF

 0034A2

 607AF7

 002087

 8094FF

 000E6D

 9EAEFF

 000654

 BDC9FF

 00063C

 DBE5FF

 000225

 FAFFFF

 00010E

 000000

 004ABE

■ 1356BE

■ 2661BE

■ 396DBE

■ 4C78BE

■ 5F84BE

■ 7290BE

■ 859BBE

■ 98A7BE

■ ABB2BE

Harmonies

Analogous

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



005FC7



004ABE



882298

Triad

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



004ABE



992D00



006844

Complementary

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



004ABE



BE7400

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.



006500



004ABE



714C00

Square

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



004ABE



B0002B



3B5D00



006A7F

Rectangle

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



004ABE



A50075



3B5D00



00682F

Sweetspot

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



004ABE



ADCAF7



00BE72



50617D



FCFCFC



7D7D7D

Same Dimension

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



004ABE



0060F7



1300BE



55595E



003E9E



000C1F

Inverse Universe

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



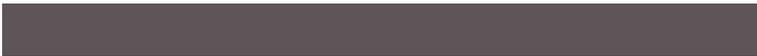
BE004A



F70060



ABBE00



5E5559



9E003E



1F000C

Previews

White Background



This preview shows how the Hex color 004ABE 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 004ABE Background



This preview shows how black text looks on a background with the Hex color 004ABE.

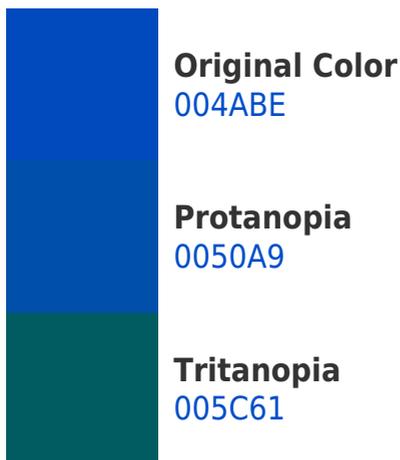


This preview shows how white text looks on a background with the Hex color 004ABE.

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
004ABE

Protanomaly
004EB1

Tritanomaly
005583

Monochromacy



Original Color
004ABE

Achromatopsia
414141

Achromatomaly
29446E

CSS Examples

Text

The CSS property to change the color of the text to Hex 004ABE 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 #004ABE looks like.

```
.text, #text, p{  
    color:#004ABE  
}
```

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 #004ABE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004ABE
}
```

Border

The CSS property to change the border of an element to Hex 004ABE is called "border". The border property can be set on classes, ids or directly on the HTML element.

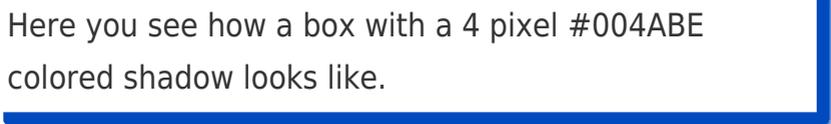
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#004ABE }
```

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

```
.border{ border-color:#004ABE }
```

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



Here you see how a box with a 4 pixel #004ABE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004ABE; -webkit-box-shadow:4px 4px  
4px 4px #004ABE; box-shadow:4px 4px 4px  
4px #004ABE }
```

Background

The CSS property to change the background color of an element to Hex 004ABE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004ABE }
```

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

```
.background{ background-color:#004ABE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor