

# Converting Colors

Hex(0034BA)

Have a look what the booklet for  
Hex(0034BA) contains.

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**Color**

**Hex(0034BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0034BA
RGB	0, 52, 186
RGB Percent	0%, 20%, 73%
CMY	1.0000, 0.7961, 0.2706
CMYK	1.00, 0.72, 0.00, 0.27
HSL	223°, 100%, 36%
HSV	223°, 100%, 73%
XYZ	10.0909, 6.0012, 47.0809
YIQ	51.7280, -74.0060, 30.6500

# Conversions

## Conversions Part 2

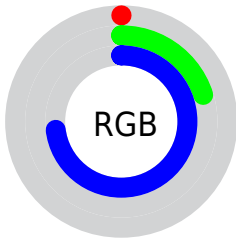
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 41, 186
Decimal	13498
CIE Lab	29.42, 41.00, -72.93
CIE LCh	29, 83.669, 299.342
Yxy	6.0012, 0.1597, 0.0950
Android (android.graphics.Color)	4278203578 (0xFF0034BA)
YUV	51.7280, 66.1961, -45.3655
Hunter-Lab	24.4973, 30.6576, -96.8004

# Details

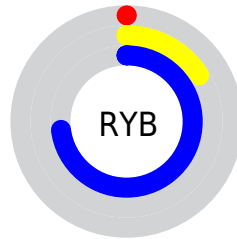
The Hex color **0034BA** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BA8600**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6163F3**, and **000C83** is the 20% darker color. If you saturate the color by 10%, you get **0034BA**, and if you desaturate by 10%, it is **1341BA**.

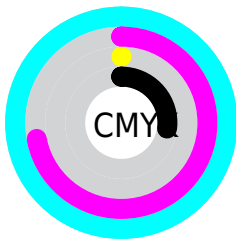
# Distribution



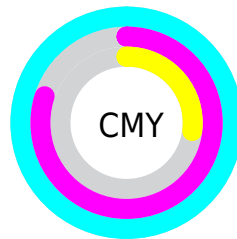
- Red (0%)
- Green (20%)
- Blue (73%)



- Red (0%)
- Yellow (16%)
- Blue (73%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (80%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0034BA 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 0034BA by changing the saturation by 10% instead.



 0034BA


 0034BA

FFFFFF

 001F9E

 6163F3

 000C83

 817CFF

 000069

 A096FF

 000A50

 BEB1FF

 000538

 DDCCFF

 000222

 FBE8FF

 000007

 000000

 0034BA

■ 1341BA

■ 254FBA

■ 385CBA

■ 4A6ABA

■ 5D77BA

■ 7084BA

■ 8292BA

■ 959FBA

■ A7ADBA

# Harmonies

## Analogous

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



0051CC



0034BA



8C0089

# Triad

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



0034BA



871E00



005B42

# Complementary

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



0034BA



BA8600

# 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



0034BA



574300

# Square

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



0034BA



A6000A



005200



005D85

# Rectangle

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



0034BA



A6005F



005200



005A2B



# Sweetspot

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



0034BA



AABEF2



00BA85



4E5B7A



FAFAFA



7A7A7A



# Same Dimension

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



0034BA



0044F2



2800BA



53555C



002B9C



00081C



# Inverse Universe

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



BA0034



F20044



92BA00



5C5355



9C002B



1C0008



# Previews

## White Background



This preview shows how the Hex color 0034BA looks on a white background.

## Color Contrast Check

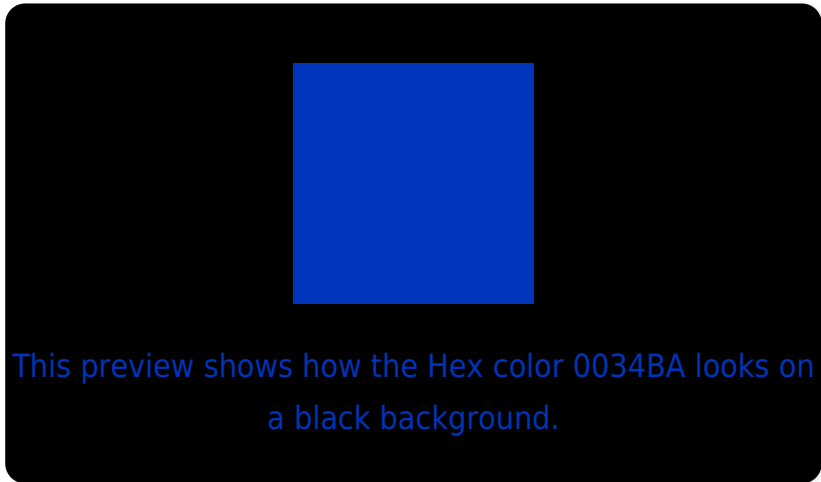
Large Text (above 18pt) WCAG AA ✓ Pass

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

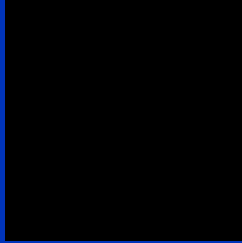
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0034BA Background



This preview shows how black text looks on a background with the Hex color 0034BA.



This preview shows how white text looks on a background with the Hex color 0034BA.

# 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**  
0034BA

**Protanopia**  
00438D

**Deuteranopia**  
004878



# Trichromacy



**Original Color**  
0034BA

**Protanomaly**  
003E9D

**Deuteranomaly**  
004190

**Tritanomaly**  
004477

# Monochromacy



**Original Color**  
0034BA

**Achromatopsia**  
343434

**Achromatomaly**  
213465

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0034BA 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 #0034BA looks like.

```
.text, #text, p{  
    color:#0034BA  
}
```

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 #0034BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0034BA
}
```

## Border

The CSS property to change the border of an element to Hex 0034BA is called "border". The border property can be set on classes, ids or directly on the HTML element.

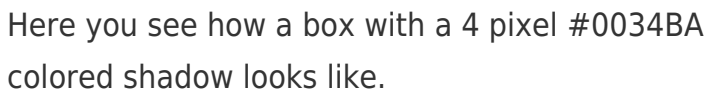
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0034BA }
```

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

```
.border{ border-color:#0034BA }
```

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



Here you see how a box with a 4 pixel #0034BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0034BA; -webkit-box-shadow:4px 4px  
4px 4px #0034BA; box-shadow:4px 4px 4px  
4px #0034BA }
```

# Background

The CSS property to change the background color of an element to Hex 0034BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0034BA }
```

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

```
.background{ background-color:#0034BA }
```

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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