

Converting Colors

Hex(0044B9)

Have a look what the booklet for
Hex(0044B9) contains.

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Color

Hex(0044B9)

Conversions

Conversions Part 1

Format	Color
Hex	0044B9
RGB	0, 68, 185
RGB Percent	0%, 27%, 73%
CMY	1.0000, 0.7333, 0.2745
CMYK	1.00, 0.63, 0.00, 0.27
HSL	218°, 100%, 36%
HSV	218°, 100%, 73%
XYZ	10.8241, 7.6370, 46.8025
YIQ	61.0060, -78.0850, 21.9710

Conversions

Conversions Part 2

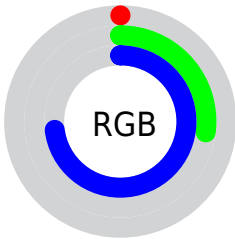
Format	Color
RYB	0, 50, 185
Decimal	17593
CIELab	33.22, 30.22, -66.08
CIELCh	33, 72.667, 294.575
Yxy	7.6370, 0.1659, 0.1170
Android (android.graphics.Color)	4278207673 (0xFF0044B9)
YUV	61.0060, 61.1290, -53.5023
Hunter-Lab	27.6352, 21.5529, -81.0681

Details

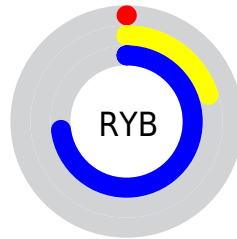
The Hex color **0044B9** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B97500**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5F74F2**, and **001B83** is the 20% darker color. If you saturate the color by 10%, you get **0044B9**, and if you desaturate by 10%, it is **1250B9**.

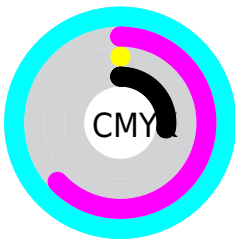
Distribution



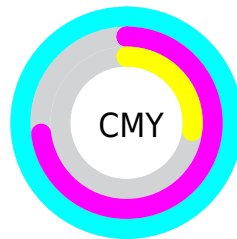
- Red (0%)
- Green (27%)
- Blue (73%)



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



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (73%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0044B9 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 0044B9 by changing the saturation by 10% instead.

 0044B9

 0044B9

FFFFFF

 002E9D

 5F74F2

 001B83

 7F8DFF

 000569

 9DA7FF

 000950

 BBC2FF

 000538

 DADEFF

 000221

 F8FBFF

 000006

 000000

 0044B9

■ 1250B9

■ 255BB9

■ 3867B9

■ 4A73B9

■ 5D7EB9

■ 6F8AB9

■ 8296B9

■ 94A2B9

■ A7ADB9

Harmonies

Analogous

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



005AC3



0044B9



851592

Triad

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



0044B9



922900



006342

Complementary

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



0044B9



B97500

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.



006000



0044B9



694900

Square

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



0044B9



AA0023



315900



00657D

Rectangle

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



0044B9



A2006E



315900



00632D

Sweetspot

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



0044B9



A8C2F0



00B972



4D5D78



F7F7F7



787878

Same Dimension

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



0044B9



0058F0



1600B9



53565C



00399C



000A1C

Inverse Universe

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



B90044



F00058



A3B900



5C5356



9C0039



1C000A

Previews

White Background



This preview shows how the Hex color 0044B9 looks on a white background.

Color Contrast Check

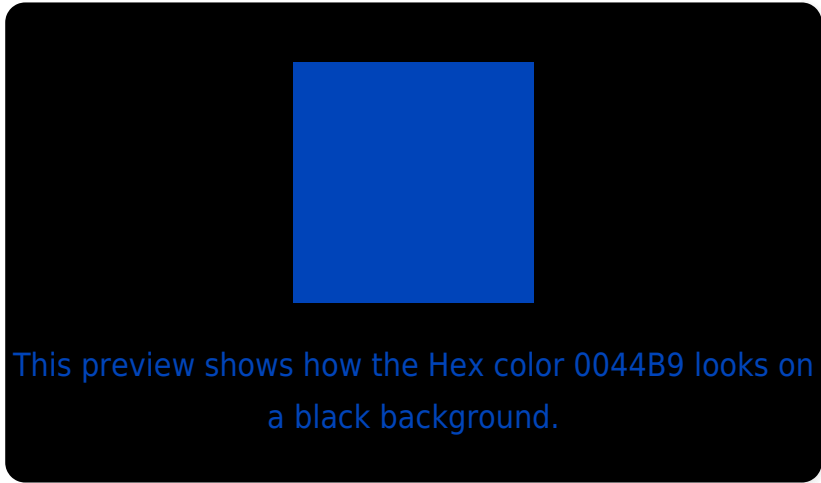
Large Text (above 18pt) WCAG AA ✓ Pass

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

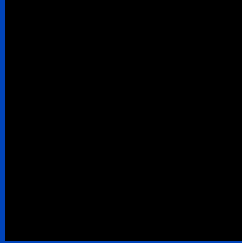
Any Text WCAG AA × Fail

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 0044B9 Background



This preview shows how black text looks on a background with the Hex color 0044B9.



This preview shows how white text looks on a background with the Hex color 0044B9.

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
0044B9

Protanopia
004B9F

Deuteranopia
005088



Tritanopia
00575C

Trichromacy



Original Color

0044B9

Protanomaly

0048A8

Deuteranomaly

004C9A

Tritanomaly

00507E

Monochromacy



Original Color

0044B9

Achromatopsia

3D3D3D

Achromatomaly

27406A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0044B9 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 #0044B9 looks like.

```
.text, #text, p{  
    color:#0044B9  
}
```

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 #0044B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0044B9
}
```

Border

The CSS property to change the border of an element to Hex 0044B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

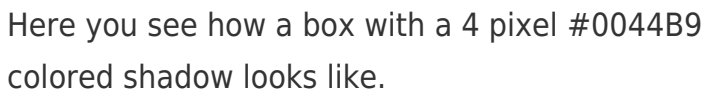
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0044B9 }
```

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

```
.border{ border-color:#0044B9 }
```

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



Here you see how a box with a 4 pixel #0044B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0044B9; -webkit-box-shadow:4px 4px  
4px 4px #0044B9; box-shadow:4px 4px 4px  
4px #0044B9 }
```

Background

The CSS property to change the background color of an element to Hex 0044B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0044B9 }
```

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

```
.background{ background-color:#0044B9 }
```

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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