

Converting Colors

Hex(004B99)

Have a look what the booklet for
Hex(004B99) contains.

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Color

Hex(004B99)

Conversions

Conversions Part 1

Format	Color
Hex	004B99
RGB	0, 75, 153
RGB Percent	0%, 29%, 60%
CMY	1.0000, 0.7059, 0.4000
CMYK	1.00, 0.51, 0.00, 0.40
HSL	211°, 100%, 30%
HSV	211°, 100%, 60%
XYZ	8.2658, 7.3321, 31.1166
YIQ	61.4670, -69.7380, 8.3580

Conversions

Conversions Part 2

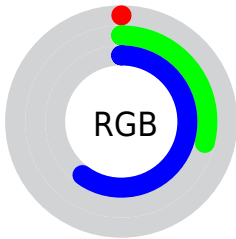
Format	Color
RYB	0, 50, 153
Decimal	19353
CIELab	32.55, 12.25, -48.03
CIELCh	33, 49.566, 284.310
Yxy	7.3321, 0.1769, 0.1570
Android (android.graphics.Color)	4278209433 (0xFF004B99)
YUV	61.4670, 45.1258, -53.9066
Hunter-Lab	27.0778, 7.1033, -49.1789

Details

The Hex color **004B99** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **994E00**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **547BD0**, and **002165** is the 20% darker color. If you saturate the color by 10%, you get **004B99**, and if you desaturate by 10%, it is **0F5399**.

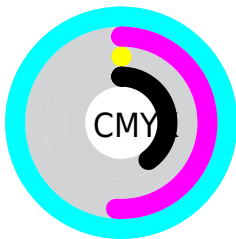
Distribution



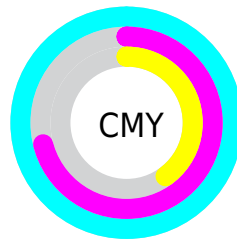
- Red (0%)
- Green (29%)
- Blue (60%)



- Red (0%)
- Yellow (20%)
- Blue (60%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (71%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004B99 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 004B99 by changing the saturation by 10% instead.

■ 004B99

■ 004B99

FFFFFF

■ 00357F

■ 547BD0

■ 002165

■ 7295ED

■ 00094D

■ 8FAFFF

■ 000535

■ ACCAFF

■ 00021F

■ C9E6FF

■ 000002

■ E7FFFF

■ 000000

■ 004B99

■ 0F5399

■ 1F5B99

■ 2E6299

■ 3D6A99

■ 4D7299

■ 5C7A99

■ 6B8299

■ 7A8999

■ 8A9199

Harmonies

Analogous

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



005798



004B99



653885

Triad

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



004B99



873116



005D36

Complementary

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



004B99



994E00

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.



1B590B



004B99



6E4300

Square

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



004B99



91203C



4C5100



005E5F

Rectangle

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



004B99



7F2A6F



4C5100



005C28

Sweetspot

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



004B99



8BA8C7



00994D



405163



E3E3E3



636363

Same Dimension

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



004B99



0062C7



000099



45494D



00458C



00060D

Inverse Universe

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



99004B



C70061



999900



4D4549



8C0045



0D0006

Previews

White Background



This preview shows how the Hex color 004B99 looks on a white background.

Color Contrast Check

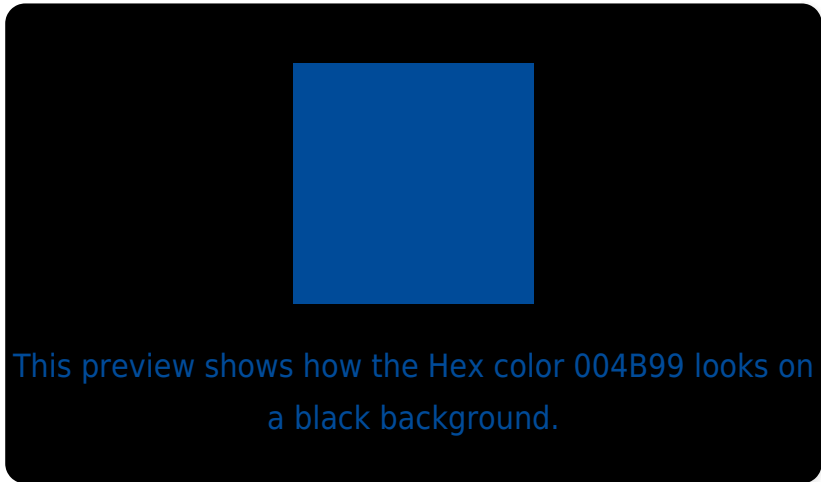
Large Text (above 18pt) WCAG AA ✓ Pass

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

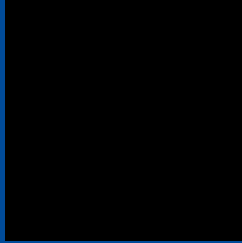
Any Text WCAG AA × Fail

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 004B99 Background



This preview shows how black text looks on a background with the Hex color 004B99.

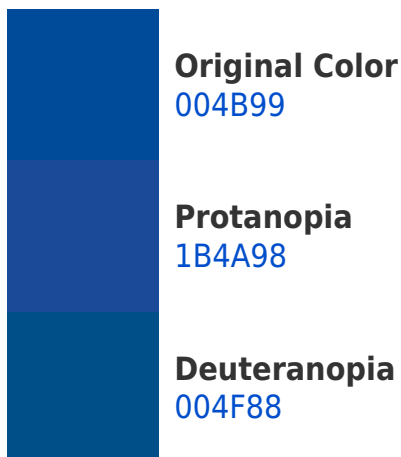


This preview shows how white text looks on a background with the Hex color 004B99.

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
00555B

Trichromacy



Original Color
004B99

Protanomaly
114A98

Deuteranomaly
004E8E

Tritanomaly
005172

Monochromacy



Original Color
004B99

Achromatopsia
3D3D3D

Achromatomaly
27425E

CSS Examples

Text

The CSS property to change the color of the text to Hex 004B99 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 #004B99 looks like.

```
.text, #text, p{  
    color:#004B99  
}
```

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 #004B99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004B99
}
```

Border

The CSS property to change the border of an element to Hex 004B99 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
#004B99 }
```

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

```
.border{ border-color:#004B99 }
```

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

Here you see how a box with a 4 pixel #004B99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004B99; -webkit-box-shadow:4px 4px  
4px 4px #004B99; box-shadow:4px 4px 4px  
4px #004B99 }
```

Background

The CSS property to change the background color of an element to Hex 004B99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004B99 }
```

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

```
.background{ background-color:#004B99 }
```

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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