

Converting Colors

Hex(004CAD)

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

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Color

Hex(004CAD)

Conversions

Conversions Part 1

Format	Color
Hex	004CAD
RGB	0, 76, 173
RGB Percent	0%, 30%, 68%
CMY	1.0000, 0.7020, 0.3216
CMYK	1.00, 0.56, 0.00, 0.32
HSL	214°, 100%, 34%
HSV	214°, 100%, 68%
XYZ	10.1273, 8.1860, 40.5815
YIQ	64.3340, -76.4330, 14.0550

Conversions

Conversions Part 2

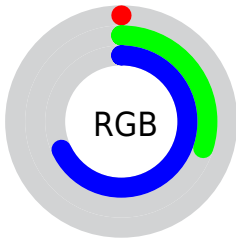
Format	Color
R _{YB}	0, 53, 173
Decimal	19629
CIE Lab	34.37, 19.94, -57.09
CIE LCh	34, 60.472, 289.252
Yxy	8.1860, 0.1720, 0.1390
Android (android.graphics.Color)	4278209709 (0xFF004CAD)
YUV	64.3340, 53.5723, -56.4209
Hunter-Lab	28.6112, 13.1125, -64.0677

Details

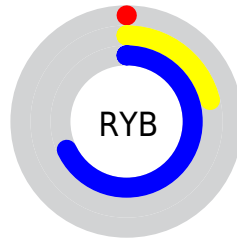
The Hex color **004CAD** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AD6100**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5B7CE5**, and **002278** is the 20% darker color. If you saturate the color by 10%, you get **004CAD**, and if you desaturate by 10%, it is **1156AD**.

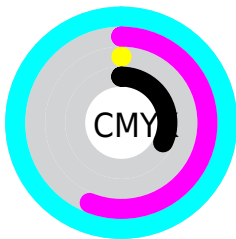
Distribution



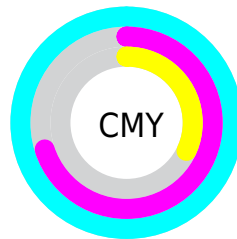
- Red (0%)
- Green (30%)
- Blue (68%)



- Red (0%)
- Yellow (21%)
- Blue (68%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (70%)
- Yellow (32%)

Brightness & Saturation Gradients

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

 004CAD

 004CAD

FFFFFF

 003692

 5B7CE5

 002278

 7996FF

 000E5E

 97B0FF

 000846

 B5CCFF

 00042E


 D3E8FF

 000119

 F1FFFF

 000000

 004CAD

 1156AD

■ 235FAD

■ 3469AD

■ 4573AD

■ 577DAD

■ 6886AD

■ 7990AD

■ 8A9AAD

■ 9CA3AD

Harmonies

Analogous

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



005CB1



004CAD



773190

Triad

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



004CAD



923001



00643D

Complementary

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



004CAD



AD6100

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.



006002



004CAD



724900

Square

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



004CAD



A20B35



475800



00656F

Rectangle

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



004CAD



931974



475800



00632C

Sweetspot

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



004CAD



9DBBE0



00AD5F



485A70



F0F0F0



707070

Same Dimension

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



004CAD



0063E0



0900AD



4E5257



004296



000A17

Inverse Universe

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



AD004C



E00063



A4AD00



574E52



960042



17000A

Previews

White Background



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

Color Contrast Check

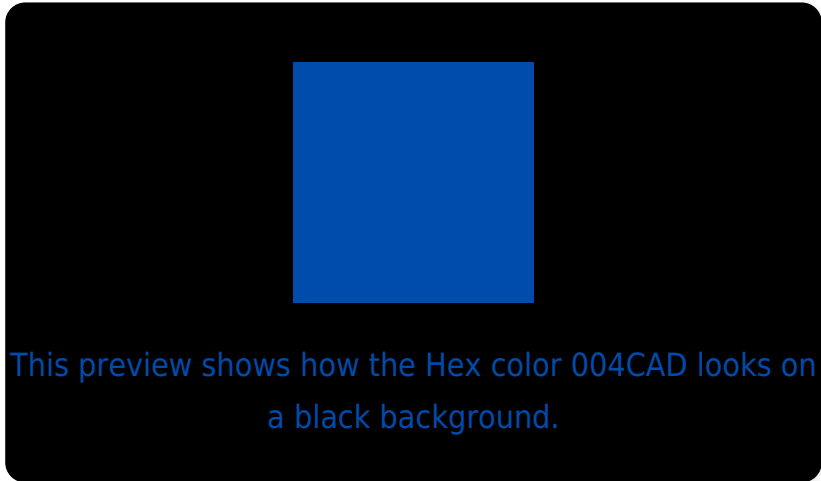
Large Text (above 18pt) WCAG AA ✓ Pass

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

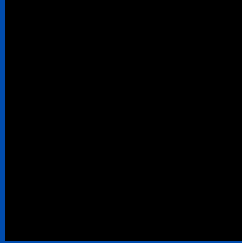
Any Text WCAG AA × Fail

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 004CAD Background



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



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

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

004CAD

Protanopia

004EA6

Deuteranopia

00538E



Tritanopia
005A5F

Trichromacy



Original Color
004CAD

Protanomaly
004DA9

Deuteranomaly
005099

Tritanomaly
00557B

Monochromacy



Original Color
004CAD

Achromatopsia
404040

Achromatomaly
294468

CSS Examples

Text

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

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

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 #004CAD colored shadow looks like.

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

Border

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

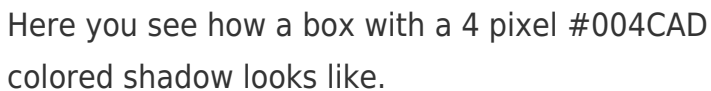
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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