

Converting Colors

Hex(004AA2)

Have a look what the booklet for
Hex(004AA2) contains.

Hex(004AA2)	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>	29

Color

Hex(004AA2)

Conversions

Conversions Part 1

Format	Color
Hex	004AA2
RGB	0, 74, 162
RGB Percent	0%, 29%, 64%
CMY	1.0000, 0.7098, 0.3647
CMYK	1.00, 0.54, 0.00, 0.36
HSL	213°, 100%, 32%
HSV	213°, 100%, 64%
XYZ	8.9704, 7.5062, 35.1585
YIQ	61.9060, -72.3520, 11.6800

Conversions

Conversions Part 2

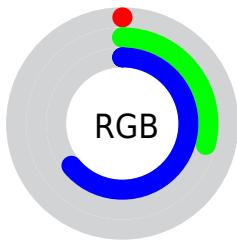
Format	Color
RYB	0, 51, 162
Decimal	19106
CIELab	32.93, 16.73, -52.84
CIELCh	33, 55.429, 287.568
Yxy	7.5062, 0.1737, 0.1454
Android (android.graphics.Color)	4278209186 (0xFF004AA2)
YUV	61.9060, 49.3463, -54.2916
Hunter-Lab	27.3974, 10.4983, -56.9072

Details

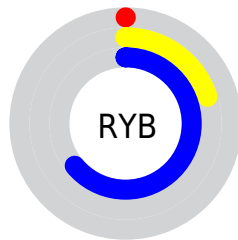
The Hex color **004AA2** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A25800**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **577ADA**, and **00206D** is the 20% darker color. If you saturate the color by 10%, you get **004AA2**, and if you desaturate by 10%, it is **1053A2**.

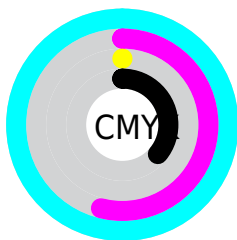
Distribution



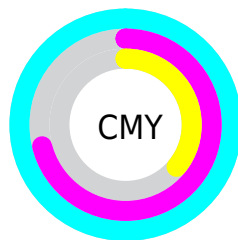
- Red (0%)
- Green (29%)
- Blue (64%)



- Red (0%)
- Yellow (20%)
- Blue (64%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (71%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004AA2 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 004AA2 by changing the saturation by 10% instead.

■ 004AA2

■ 004AA2

FFFFFF

■ 003487

■ 577ADA

■ 00206D

■ 7594F6

■ 000954

■ 93AEFF

■ 00063C

■ B0C9FF

■ 000226

■ CEE5FF

■ 00010E

■ EBFFFF

■ 000000

■ 004AA2

■ 1053A2

■ 205CA2

■ 3164A2

■ 416DA2

■ 5176A2

■ 617FA2

■ 7188A2

■ 8290A2

■ 9299A2

Harmonies

Analogous

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



0058A4



004AA2



6E3389

Triad

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



004AA2



8B2F0A



005F39

Complementary

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



004AA2



A25800

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.



005B06



004AA2



6E4500

Square

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



004AA2



981536



475300



006067

Rectangle

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



004AA2



892070



475300



005E2A

Sweetspot

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



004AA2



94B1D4



00A256



45566B



EBEBEB



6B6B6B

Same Dimension

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



004AA2



0061D4



0500A2



494D52



004291



000812

Inverse Universe

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



A2004A



D40061



9DA200



52494D



910042



120008

Previews

White Background



This preview shows how the Hex color 004AA2 looks on a white background.

Color Contrast Check

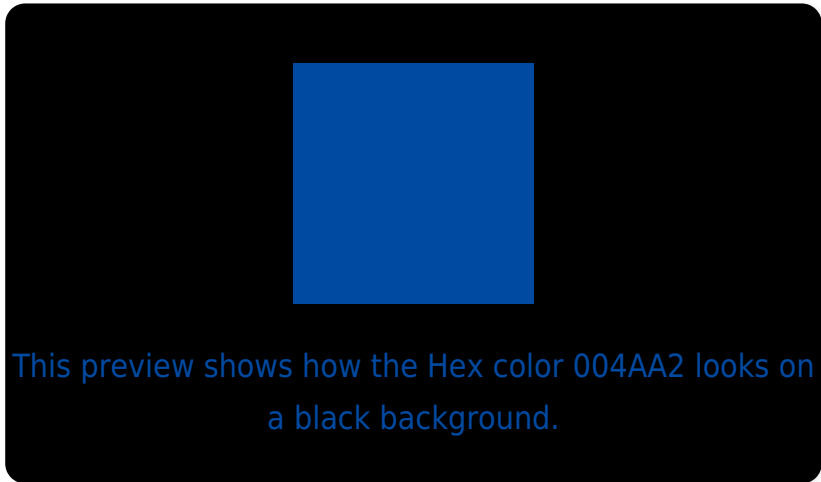
Large Text (above 18pt) WCAG AA ✓ Pass

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

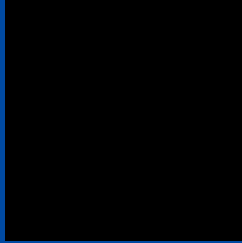
Any Text WCAG AA × Fail

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 004AA2 Background



This preview shows how black text looks on a background with the Hex color 004AA2.



This preview shows how white text looks on a background with the Hex color 004AA2.

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


004AA2

Protanopia

004B9F

Deuteranopia

005089



Tritanopia
00565C

Trichromacy



Original Color
004AA2

Protanomaly
004BA0

Deuteranomaly
004E92

Tritanomaly
005275

Monochromacy



Original Color
004AA2

Achromatopsia
3E3E3E

Achromatomaly
274262

CSS Examples

Text

The CSS property to change the color of the text to Hex 004AA2 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 #004AA2 looks like.

```
.text, #text, p{  
    color:#004AA2  
}
```

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 #004AA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004AA2
}
```

Border

The CSS property to change the border of an element to Hex 004AA2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

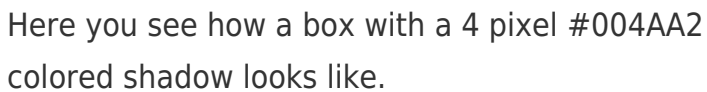
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#004AA2 }
```

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

```
.border{ border-color:#004AA2 }
```

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



Here you see how a box with a 4 pixel #004AA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004AA2; -webkit-box-shadow:4px 4px  
4px 4px #004AA2; box-shadow:4px 4px 4px  
4px #004AA2 }
```

Background

The CSS property to change the background color of an element to Hex 004AA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004AA2 }
```

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

```
.background{ background-color:#004AA2 }
```

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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