

Converting Colors

Hex(0044A3)

Have a look what the booklet for
Hex(0044A3) contains.

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Color

Hex(0044A3)

Conversions

Conversions Part 1

Format	Color
Hex	0044A3
RGB	0, 68, 163
RGB Percent	0%, 27%, 64%
CMY	1.0000, 0.7333, 0.3608
CMYK	1.00, 0.58, 0.00, 0.36
HSL	215°, 100%, 32%
HSV	215°, 100%, 64%
XYZ	8.6780, 6.7786, 35.5013
YIQ	58.4980, -71.0230, 15.1290

Conversions

Conversions Part 2

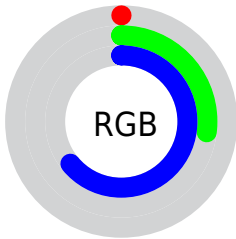
Format	Color
RYB	0, 48, 163
Decimal	17571
CIELab	31.30, 21.28, -56.11
CIELCh	31, 60.006, 290.768
Yxy	6.7786, 0.1703, 0.1330
Android (android.graphics.Color)	4278207651 (0xFF0044A3)
YUV	58.4980, 51.5195, -51.3027
Hunter-Lab	26.0357, 13.9334, -62.6207

Details

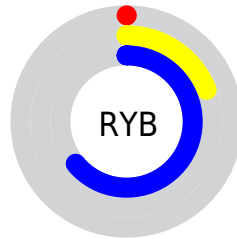
The Hex color **0044A3** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A35F00**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5873DB**, and **001B6E** is the 20% darker color. If you saturate the color by 10%, you get **0044A3**, and if you desaturate by 10%, it is **104EA3**.

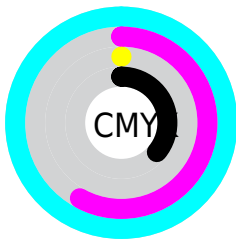
Distribution



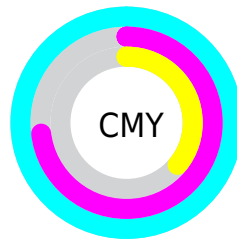
- Red (0%)
- Green (27%)
- Blue (64%)



- Red (0%)
- Yellow (19%)
- Blue (64%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (73%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0044A3 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 0044A3 by changing the saturation by 10% instead.

■ 0044A3

■ 0044A3

FFFFFF

■ 002E88

■ 5873DB

■ 001B6E

■ 768DF8

■ 000055

■ 94A7FF

■ 00063D

■ B1C2FF

■ 000326

■ CFDEFF

■ 00010F

■ EDFAFF

■ 000000

■ 0044A3

■ 104EA3

■ 2157A3

■ 3161A3

■ 416AA3

■ 5274A3

■ 627DA3

■ 7287A3

■ 8290A3

■ 939AA3

Harmonies

Analogous

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



0054A8



0044A3



712886

Triad

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



0044A3



872A00



005C39

Complementary

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



0044A3



A35F00

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



0044A3



674300

Square

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



0044A3



98002C



3C5100



005D6A

Rectangle

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



0044A3



8C096A



3C5100



005B28

Sweetspot

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



0044A3



94AFD4



00A35C



45556B



EBEBEB



6B6B6B

Same Dimension

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



0044A3



0058D4



0B00A3



494D52



003D91



000712

Inverse Universe

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



A30044



D40058



98A300



52494D



91003D



120007

Previews

White Background



This preview shows how the Hex color 0044A3 looks on a white background.

Color Contrast Check

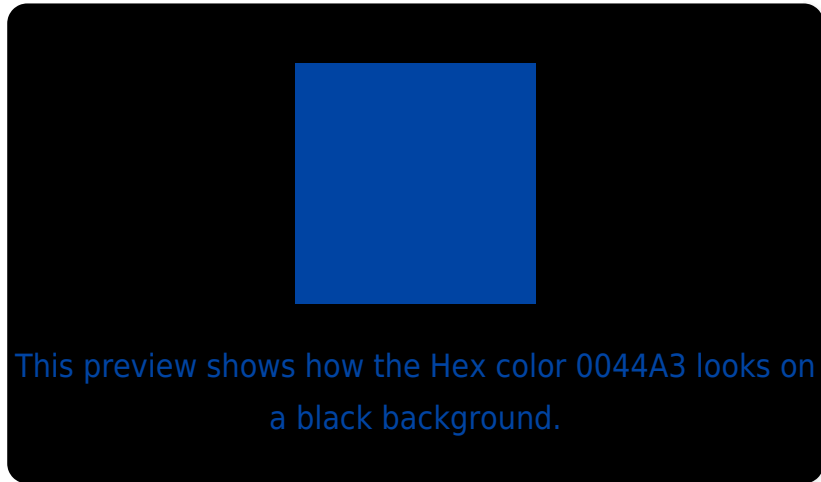
Large Text (above 18pt) WCAG AA ✓ Pass

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

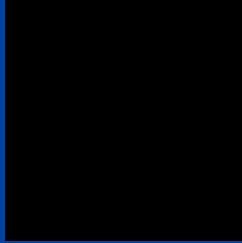
Any Text WCAG AA × Fail

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 0044A3 Background



This preview shows how black text looks on a background with the Hex color 0044A3.



This preview shows how white text looks on a background with the Hex color 0044A3.

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

0044A3

Protanopia

004797

Deuteranopia

004C82

Trichromacy



Original Color
0044A3

Protanomaly
00469B

Deuteranomaly
00498E

Tritanomaly
004D73

Monochromacy



Original Color
0044A3

Achromatopsia
3A3A3A

Achromatomaly
253E60

CSS Examples

Text

The CSS property to change the color of the text to Hex 0044A3 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 #0044A3 looks like.

```
.text, #text, p{  
    color:#0044A3  
}
```

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 #0044A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0044A3
}
```

Border

The CSS property to change the border of an element to Hex 0044A3 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
#0044A3 }
```

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

```
.border{ border-color:#0044A3 }
```

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

Here you see how a box with a 4 pixel #0044A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0044A3; -webkit-box-shadow:4px 4px  
4px 4px #0044A3; box-shadow:4px 4px 4px  
4px #0044A3 }
```

Background

The CSS property to change the background color of an element to Hex 0044A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0044A3 }
```

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

```
.background{ background-color:#0044A3 }
```

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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