

Converting Colors

Hex(004A8F)

Have a look what the booklet for
Hex(004A8F) contains.

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Color

Hex(004A8F)

Conversions

Conversions Part 1

Format	Color
Hex	004A8F
RGB	0, 74, 143
RGB Percent	0%, 29%, 56%
CMY	1.0000, 0.7098, 0.4392
CMYK	1.00, 0.48, 0.00, 0.44
HSL	209°, 100%, 28%
HSV	209°, 100%, 56%
XYZ	7.4067, 6.8807, 26.9243
YIQ	59.7400, -66.2530, 5.7710

Conversions

Conversions Part 2

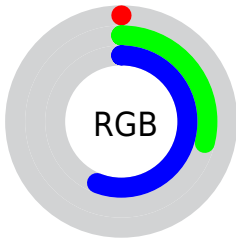
Format	Color
RYB	0, 49, 143
Decimal	19087
CIELab	31.53, 8.68, -43.58
CIELCh	32, 44.434, 281.263
Yxy	6.8807, 0.1797, 0.1670
Android (android.graphics.Color)	4278209167 (0xFF004A8F)
YUV	59.7400, 41.0472, -52.3920
Hunter-Lab	26.2311, 4.4973, -42.4950

Details

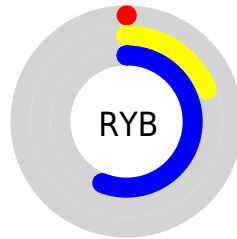
The Hex color **004A8F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8F4500**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **517AC5**, and **00205C** is the 20% darker color. If you saturate the color by 10%, you get **004A8F**, and if you desaturate by 10%, it is **0E518F**.

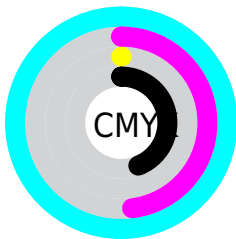
Distribution



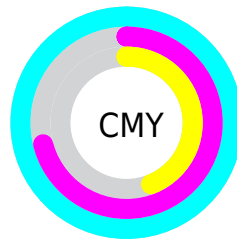
- Red (0%)
- Green (29%)
- Blue (56%)



- Red (0%)
- Yellow (19%)
- Blue (56%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (71%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004A8F 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 004A8F by changing the saturation by 10% instead.

■ 004A8F

FFFFFF

■ 517AC5

■ 6E94E2

■ 8BAEFE

■ A7C9FF

■ C4E5FF

■ E2FFFF

■ 004A8F

■ 0E518F

■ 004A8F

■ 003475

■ 00205C

■ 000644

■ 00032D

■ 000117

■ 000000

■ 1D588F

■ 2B5F8F

■ 39668F

■ 486D8F

■ 56738F

■ 647A8F

■ 72818F

■ 81888F

Harmonies

Analogous

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



00548C



004A8F



5C3B7F

Triad

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



004A8F



81311E



005932

Complementary

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



004A8F



8F4500

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.



27550F



004A8F



6C4000

Square

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



004A8F



88253F



4E4D00



005A57

Rectangle

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



004A8F



752F6C



4E4D00



005827

Sweetspot

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



004A8F



829FBA



008F43



3C4E5E



DEDEDE



5E5E5E

Same Dimension

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



004A8F



0060BA



00058F



404447



004687



000408

Inverse Universe

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



8F004A



BA0060



8F8A00



474044



870046



080004

Previews

White Background



This preview shows how the Hex color 004A8F looks on a white background.

Color Contrast Check

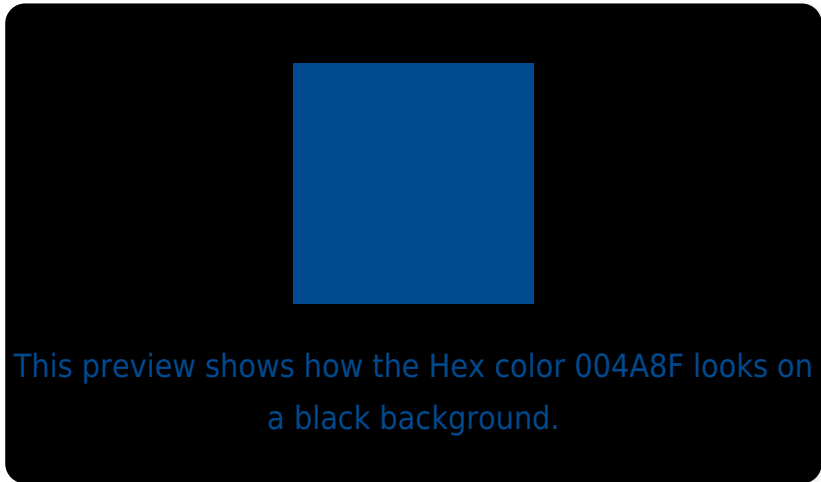
Large Text (above 18pt) WCAG AA ✓ Pass

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

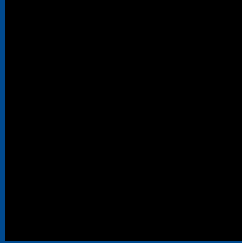
Any Text WCAG AA × Fail

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 004A8F Background



This preview shows how black text looks on a background with the Hex color 004A8F.



This preview shows how white text looks on a background with the Hex color 004A8F.

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
004A8F

Protanopia
25488D

Deuteranopia
004C85

Trichromacy



Original Color
004A8F

Protanomaly
18498E

Deuteranomaly
004B89

Tritanomaly
00506C

Monochromacy



Original Color
004A8F

Achromatopsia
3C3C3C

Achromatomaly
26415A

CSS Examples

Text

The CSS property to change the color of the text to Hex 004A8F 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 #004A8F looks like.

```
.text, #text, p{  
    color:#004A8F  
}
```

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 #004A8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004A8F
}
```

Border

The CSS property to change the border of an element to Hex 004A8F 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
#004A8F }
```

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

```
.border{ border-color:#004A8F }
```

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

Here you see how a box with a 4 pixel #004A8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004A8F; -webkit-box-shadow:4px 4px  
4px 4px #004A8F; box-shadow:4px 4px 4px  
4px #004A8F }
```

Background

The CSS property to change the background color of an element to Hex 004A8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004A8F }
```

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

```
.background{ background-color:#004A8F }
```

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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