

# Converting Colors

Hex(004A86)

Have a look what the booklet for  
Hex(004A86) contains.

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# Color

**Hex(004A86)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004A86
RGB	0, 74, 134
RGB Percent	0%, 29%, 53%
CMY	1.0000, 0.7098, 0.4745
CMYK	1.00, 0.45, 0.00, 0.47
HSL	207°, 100%, 26%
HSV	207°, 100%, 53%
XYZ	6.7519, 6.6188, 23.4759
YIQ	58.7140, -63.3640, 2.9720

# Conversions

## Conversions Part 2

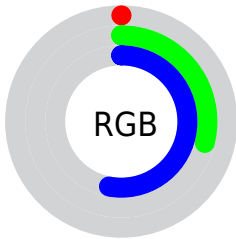
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 48, 134
Decimal	19078
CIELab	30.92, 4.82, -39.03
CIELCh	31, 39.323, 277.046
Yxy	6.6188, 0.1832, 0.1796
Android (android.graphics.Color)	4278209158 (0xFF004A86)
YUV	58.7140, 37.1160, -51.4922
Hunter-Lab	25.7270, 1.8237, -36.0933

# Details

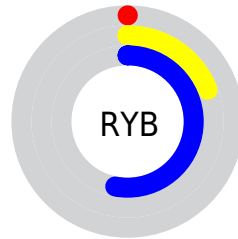
The Hex color **004A86** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **863C00**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **4E7ABC**, and **001F54** is the 20% darker color. If you saturate the color by 10%, you get **004A86**, and if you desaturate by 10%, it is **0D5086**.

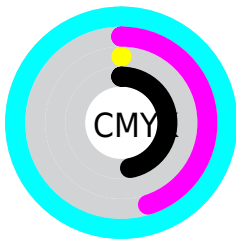
# Distribution



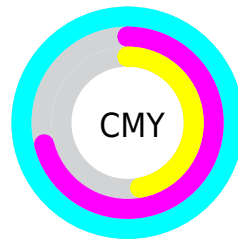
- Red (0%)
- Green (29%)
- Blue (53%)



- Red (0%)
- Yellow (19%)
- Blue (53%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (71%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 004A86 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 004A86 by changing the saturation by 10% instead.



■ 004A86

■ 004A86

FFFFFF

■ 00346C

■ 4E7ABC

■ 001F54

■ 6B94D8

■ 00053C

■ 87AEF4

■ 000226

■ A3CAFF

■ 00010E

■ C0E6FF

■ 000000

■ DDFFFF

■ FBFFFF

■ 004A86

 0D5086

 1B5686

 285C86

 366286

 436886

 506E86

 5E7486

 6B7A86

 798086

# Harmonies

## Analogous

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



005281



004A86



533D7A

# Triad

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



004A86



7C3125



00562F

# Complementary

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



004A86



863C00

# 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.



315113



004A86



6B3E0C

# Square

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



004A86



802A43



514A01



00574F

# Rectangle

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



004A86



6B346B



514A01



0B5425



# Sweetspot

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



004A86



7996AD



00863A



374957



D6D6D6



575757



# Same Dimension

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



004A86



0060AD



000986



3C3F42



004882



000103



# Inverse Universe

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



86004A



AD0060



867D00



423C3F



820048



030001



# Previews

## White Background



This preview shows how the Hex color 004A86 looks on a white background.

## Color Contrast Check

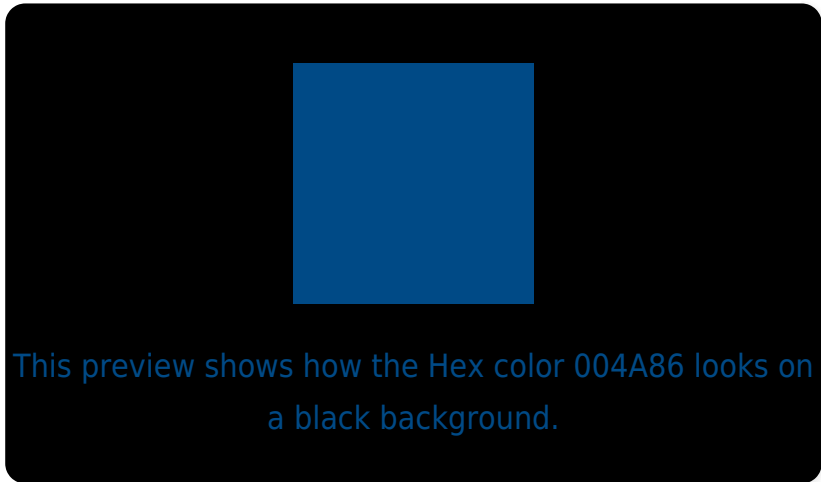
Large Text (above 18pt) WCAG AA ✓ Pass

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

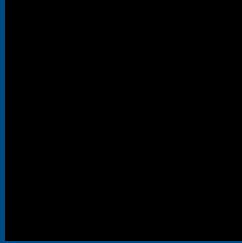
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 004A86 Background



This preview shows how black text looks on a background with the Hex color 004A86.

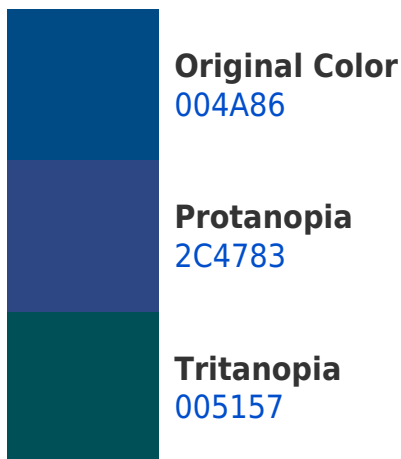


This preview shows how white text looks on a background with the Hex color 004A86.

# 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



# Trichromacy



**Original Color**  
004A86

**Protanomaly**  
1C4884

**Tritanomaly**  
004E68

# Monochromacy



**Original Color**  
004A86

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
264056

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 004A86 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 #004A86 looks like.

```
.text, #text, p{  
    color:#004A86  
}
```

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 #004A86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004A86
}
```

## Border

The CSS property to change the border of an element to Hex 004A86 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
#004A86 }
```

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

```
.border{ border-color:#004A86 }
```

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

Here you see how a box with a 4 pixel #004A86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004A86; -webkit-box-shadow:4px 4px  
4px 4px #004A86; box-shadow:4px 4px 4px  
4px #004A86 }
```

# Background

The CSS property to change the background color of an element to Hex 004A86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004A86 }
```

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

```
.background{ background-color:#004A86 }
```

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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