

Converting Colors

Hex(004080)

Have a look what the booklet for
Hex(004080) contains.

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Color

Hex(004080)

Conversions

Conversions Part 1

Format	Color
Hex	004080
RGB	0, 64, 128
RGB Percent	0%, 25%, 50%
CMY	1.0000, 0.7490, 0.4980
CMYK	1.00, 0.50, 0.00, 0.50
HSL	210°, 100%, 25%
HSV	210°, 100%, 50%
XYZ	5.7297, 5.2253, 21.1287
YIQ	52.1600, -58.6880, 6.3360

Conversions

Conversions Part 2

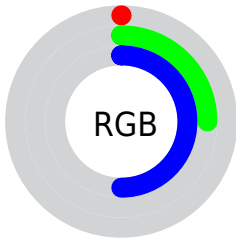
Format	Color
RYB	0, 43, 128
Decimal	16512
CIELab	27.37, 9.12, -41.02
CIELCh	27, 42.020, 282.539
Yxy	5.2253, 0.1786, 0.1629
Android (android.graphics.Color)	4278206592 (0xFF004080)
YUV	52.1600, 37.3891, -45.7443
Hunter-Lab	22.8589, 4.7386, -38.8009

Details

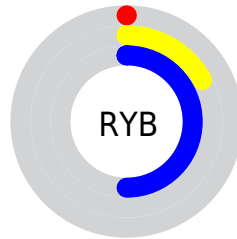
The Hex color **004080** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **804000**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **4C6FB5**, and **00174E** is the 20% darker color. If you saturate the color by 10%, you get **004080**, and if you desaturate by 10%, it is **0D4680**.

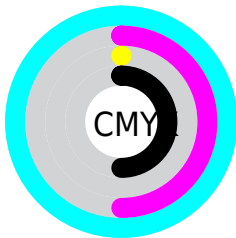
Distribution



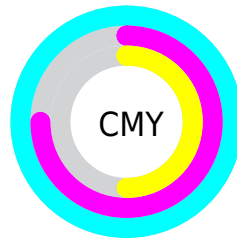
- Red (0%)
- Green (25%)
- Blue (50%)



- Red (0%)
- Yellow (17%)
- Blue (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (75%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004080 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 004080 by changing the saturation by 10% instead.

004080

004080

FFFFFF

002B67

4C6FB5

00174E

6988D1

000537

85A2EE

000220

A1BDFF

000005

BED9FF

000000

DBF5FF

F8FFFF

004080

■ 0D4680

■ 1A4D80

■ 265380

■ 335A80

■ 406080

■ 4D6680

■ 5A6D80

■ 667380

■ 737A80

Harmonies

Analogous

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



004A7E



004080



533171

Triad

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



004080



722916



004E2C

Complementary

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



004080



804000

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.



1D4A0A



004080



5E3800

Square

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



004080



791D35



434300



004F4E

Rectangle

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



004080



69265F



434300



004D21

Sweetspot

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



004080



748DA6



008040



364554



D4D4D4



545454

Same Dimension

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



004080



0053A6



000080



393D40



000000

Inverse Universe

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



800040



A60053



808000



40393D



000000

Previews

White Background



This preview shows how the Hex color 004080 looks on a white background.

Color Contrast Check

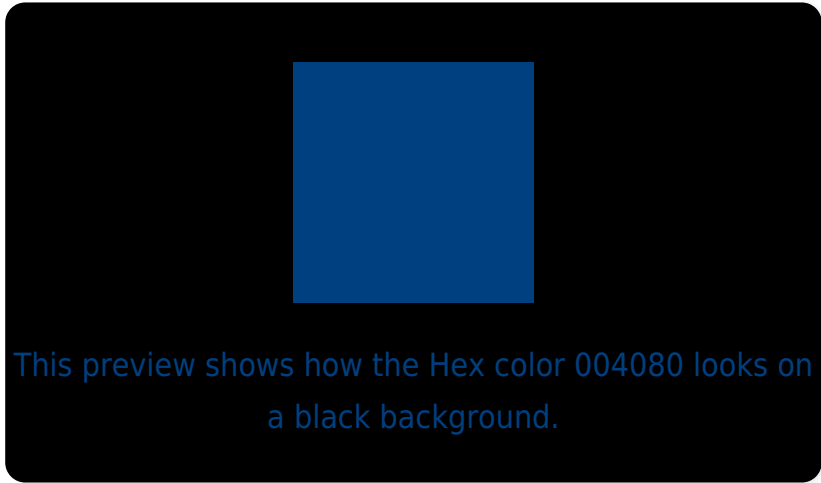
Large Text (above 18pt) WCAG AA ✓ Pass

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

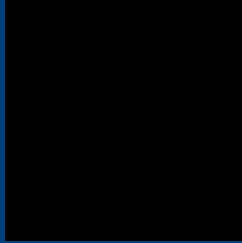
Any Text WCAG AA × Fail

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 004080 Background



This preview shows how black text looks on a background with the Hex color 004080.



This preview shows how white text looks on a background with the Hex color 004080.

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
004080

Protanopia
1B3F7F

Deuteranopia
004374



Tritanopia
00484D

Trichromacy



Original Color
004080

Protanomaly
113F7F

Deuteranomaly
004278

Tritanomaly
004560

Monochromacy



Original Color
004080

Achromatopsia
343434

Achromatomaly
213850

CSS Examples

Text

The CSS property to change the color of the text to Hex 004080 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 #004080 looks like.

```
.text, #text, p{  
    color:#004080  
}
```

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 #004080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004080
}
```

Border

The CSS property to change the border of an element to Hex 004080 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
#004080 }
```

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

```
.border{ border-color:#004080 }
```

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

Here you see how a box with a 4 pixel #004080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004080; -webkit-box-shadow:4px 4px  
4px 4px #004080; box-shadow:4px 4px 4px  
4px #004080 }
```

Background

The CSS property to change the background color of an element to Hex 004080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004080 }
```

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

```
.background{ background-color:#004080 }
```

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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