

Converting Colors

Hex(004F9E)

Have a look what the booklet for
Hex(004F9E) contains.

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Color

Hex(004F9E)

Conversions

Conversions Part 1

Format	Color
Hex	004F9E
RGB	0, 79, 158
RGB Percent	0%, 31%, 62%
CMY	1.0000, 0.6902, 0.3804
CMYK	1.00, 0.50, 0.00, 0.38
HSL	210°, 100%, 31%
HSV	210°, 100%, 62%
XYZ	8.9675, 8.0606, 33.4310
YIQ	64.3850, -72.4430, 7.8210

Conversions

Conversions Part 2

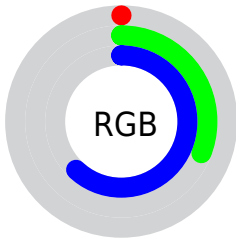
Format	Color
RYB	0, 53, 158
Decimal	20382
CIELab	34.11, 11.64, -48.53
CIELCh	34, 49.906, 283.483
Yxy	8.0606, 0.1777, 0.1597
Android (android.graphics.Color)	4278210462 (0xFF004F9E)
YUV	64.3850, 46.1522, -56.4656
Hunter-Lab	28.3912, 6.6958, -49.9409

Details

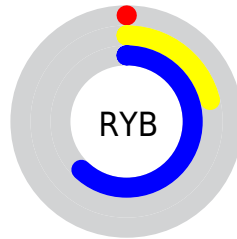
The Hex color **004F9E** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **9E4F00**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **567FD5**, and **00246A** is the 20% darker color. If you saturate the color by 10%, you get **004F9E**, and if you desaturate by 10%, it is **10579E**.

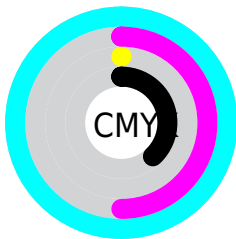
Distribution



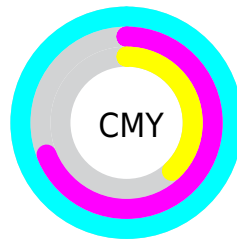
- Red (0%)
- Green (31%)
- Blue (62%)



- Red (0%)
- Yellow (21%)
- Blue (62%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (69%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004F9E 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 004F9E by changing the saturation by 10% instead.

■ 004F9E

FFFFFF

■ 567FD5

■ 7399F2

■ 91B4FF

■ AECFFF

■ CBEBFF

■ E9FFFF

■ 004F9E

■ 10579E

■ 004F9E

■ 003983

■ 00246A

■ 000F51

■ 000539

■ 000223

■ 000009

■ 000000

■ 205F9E

■ 2F679E

■ 3F6F9E

■ 4F779E

■ 5F7E9E

■ 6F869E

■ 7E8E9E

■ 8E969E

Harmonies

Analogous

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



005B9D



004F9E



683D8A

Triad

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



004F9E



8C341A



006138

Complementary

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



004F9E



9E4F00

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.



215C0E



004F9E



734600

Square

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



004F9E



962340



515400



006262

Rectangle

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



004F9E



832F74



515400



005F2A

Sweetspot

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



004F9E



91B0CF



009E4F



435669



E8E8E8



696969

Same Dimension

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



004F9E



0067CF



00009E



474B4F



00478F



00080F

Inverse Universe

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



9E004F



CF0067



9E9E00



4F474B



8F0047



0F0008

Previews

White Background



This preview shows how the Hex color 004F9E looks on a white background.

Color Contrast Check

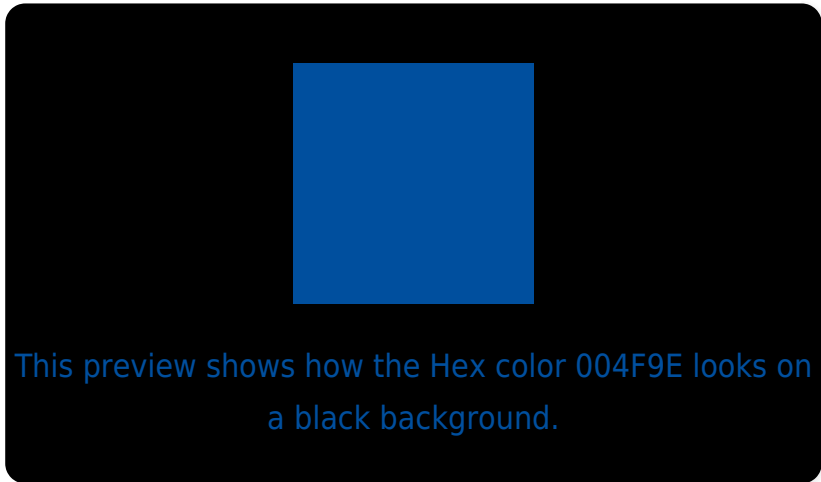
Large Text (above 18pt) WCAG AA ✓ Pass

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 004F9E Background



This preview shows how black text looks on a background with the Hex color 004F9E.



This preview shows how white text looks on a background with the Hex color 004F9E.

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





Tritanopia
00595F

Trichromacy



Original Color
004F9E

Protanomaly
154E9D

Deuteranomaly
005194

Tritanomaly
005576

Monochromacy



Original Color
004F9E

Achromatopsia
404040

Achromatomaly
294562

CSS Examples

Text

The CSS property to change the color of the text to Hex 004F9E 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 #004F9E looks like.

```
.text, #text, p{  
    color:#004F9E  
}
```

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 #004F9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004F9E
}
```

Border

The CSS property to change the border of an element to Hex 004F9E 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
#004F9E }
```

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

```
.border{ border-color:#004F9E }
```

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

Here you see how a box with a 4 pixel #004F9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004F9E; -webkit-box-shadow:4px 4px  
4px 4px #004F9E; box-shadow:4px 4px 4px  
4px #004F9E }
```

Background

The CSS property to change the background color of an element to Hex 004F9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004F9E }
```

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

```
.background{ background-color:#004F9E }
```

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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