

Converting Colors

Hex(004C83)

Have a look what the booklet for
Hex(004C83) contains.

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Color

Hex(004C83)

Conversions

Conversions Part 1

Format	Color
Hex	004C83
RGB	0, 76, 131
RGB Percent	0%, 30%, 51%
CMY	1.0000, 0.7020, 0.4863
CMYK	1.00, 0.42, 0.00, 0.49
HSL	205°, 100%, 26%
HSV	205°, 100%, 51%
XYZ	6.6812, 6.8076, 22.4346
YIQ	59.5460, -62.9510, 0.9930

Conversions

Conversions Part 2

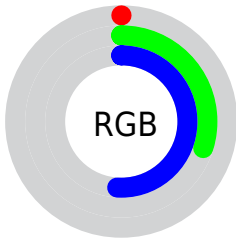
Format	Color
RYB	0, 48, 131
Decimal	19587
CIELab	31.36, 2.19, -36.46
CIELCh	31, 36.530, 273.442
Yxy	6.8076, 0.1860, 0.1895
Android (android.graphics.Color)	4278209667 (0xFF004C83)
YUV	59.5460, 35.2268, -52.2218
Hunter-Lab	26.0913, 0.0484, -32.7165

Details

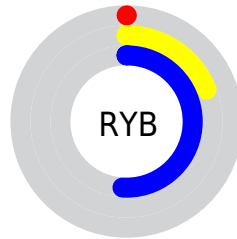
The Hex color **004C83** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **833700**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **4D7CB8**, and **002151** is the 20% darker color. If you saturate the color by 10%, you get **004C83**, and if you desaturate by 10%, it is **0D5283**.

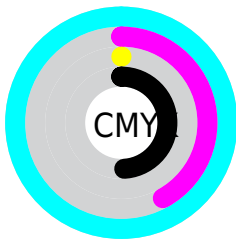
Distribution



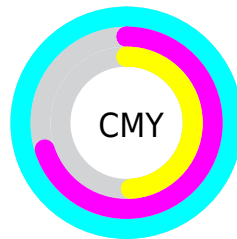
- Red (0%)
- Green (30%)
- Blue (51%)



- Red (0%)
- Yellow (19%)
- Blue (51%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (70%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004C83 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 004C83 by changing the saturation by 10% instead.

 004C83

 004C83

FFFFFF

 00366A

 4D7CB8

 002151

 6A96D4

 00083A

 86B1F1

 000223

 A2CCFF

 00000B

 BFE8FF

 000000

 DCFE8F

 FAE8FF

 004C83

■ 0D5283

■ 1A5783

■ 275D83

■ 346283

■ 426883

■ 4F6D83

■ 5C7383

■ 697883

■ 767E83

Harmonies

Analogous

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



00537D



004C83



4F417A

Triad

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



004C83



7B342C



02562F

Complementary

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



004C83



833700

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.



385116



004C83



6D3F15

Square

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



004C83



7D2F48



56490A



00574C

Rectangle

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



004C83



66386C



56490A



1D5426

Sweetspot

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



004C83



7895AB



008337



374A57



D6D6D6



575757

Same Dimension

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



004C83



0063AB



000B83



3C4042



004B82



000103

Inverse Universe

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



83004C



AB0063



837800



423C40



82004B



030001

Previews

White Background



This preview shows how the Hex color 004C83 looks on a white background.

Color Contrast Check

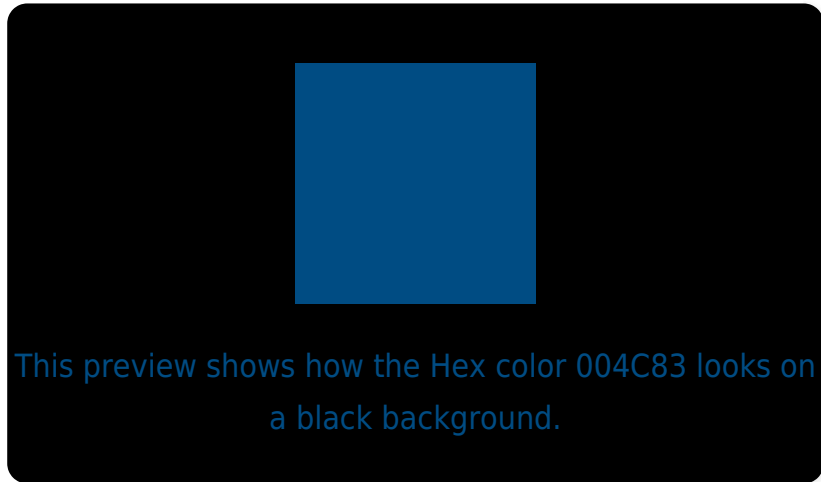
Large Text (above 18pt) WCAG AA ✓ Pass

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

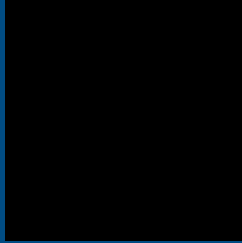
Any Text WCAG AA × Fail

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 004C83 Background



This preview shows how black text looks on a background with the Hex color 004C83.



This preview shows how white text looks on a background with the Hex color 004C83.

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
004C83

Protanopia
32487F

Deuteranopia
164B83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 004C83 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 #004C83 looks like.

```
.text, #text, p{  
    color:#004C83  
}
```

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 #004C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004C83
}
```

Border

The CSS property to change the border of an element to Hex 004C83 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
#004C83 }
```

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

```
.border{ border-color:#004C83 }
```

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

Here you see how a box with a 4 pixel #004C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004C83; -webkit-box-shadow:4px 4px  
4px 4px #004C83; box-shadow:4px 4px 4px  
4px #004C83 }
```

Background

The CSS property to change the background color of an element to Hex 004C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004C83 }
```

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

```
.background{ background-color:#004C83 }
```

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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