

Converting Colors

Hex(004785)

Have a look what the booklet for
Hex(004785) contains.

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Color

Hex(004785)

Conversions

Conversions Part 1

Format	Color
Hex	004785
RGB	0, 71, 133
RGB Percent	0%, 28%, 52%
CMY	1.0000, 0.7216, 0.4784
CMYK	1.00, 0.47, 0.00, 0.48
HSL	208°, 100%, 26%
HSV	208°, 100%, 52%
XYZ	6.4869, 6.1999, 23.0451
YIQ	56.8390, -62.2180, 4.2300

Conversions

Conversions Part 2

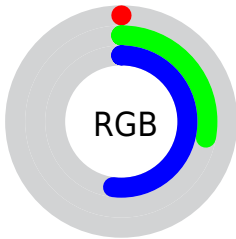
Format	Color
RYB	0, 46, 133
Decimal	18309
CIELab	29.91, 6.44, -40.03
CIELCh	30, 40.546, 279.136
Yxy	6.1999, 0.1815, 0.1735
Android (android.graphics.Color)	4278208389 (0xFF004785)
YUV	56.8390, 37.5474, -49.8478
Hunter-Lab	24.8997, 2.9285, -37.4443

Details

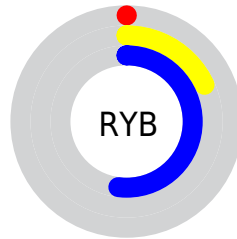
The Hex color **004785** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **853E00**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **4E77BB**, and **001D53** is the 20% darker color. If you saturate the color by 10%, you get **004785**, and if you desaturate by 10%, it is **0D4D85**.

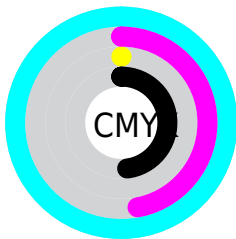
Distribution



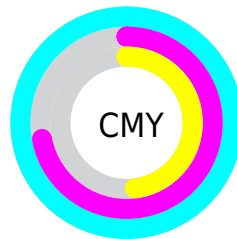
- Red (0%)
- Green (28%)
- Blue (52%)



- Red (0%)
- Yellow (18%)
- Blue (52%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (72%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004785 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 004785 by changing the saturation by 10% instead.

■ 004785

■ 004785

FFFFFF

■ 00316B

■ 4E77BB

■ 001D53

■ 6A90D7

■ 00013B

■ 87ABF3

■ 000225

■ A3C6FF

■ 00010D

■ C0E2FF

■ 000000

■ DDFEFF

■ FBFFFF

■ 004785

■ 0D4D85

■ 1B5385

■ 285A85

■ 356085

■ 436685

■ 506C85

■ 5D7285

■ 6A7985

■ 787F85

Harmonies

Analogous

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



005081



004785



543A78

Triad

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



004785



792F20



00542F

Complementary

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



004785



853E00

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.



2A5010



004785



673D05

Square

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



004785



7F263E



4D4800



005550

Rectangle

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



004785



6B3067



4D4800



005324

Sweetspot

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



004785



7995AD



00853C



374857



D6D6D6



575757

Same Dimension

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



004785



005DAD



000785



3C3F42



004582



000103

Inverse Universe

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



850047



AD005D



857E00



423C3F



820045



030001

Previews

White Background



This preview shows how the Hex color 004785 looks on a white background.

Color Contrast Check

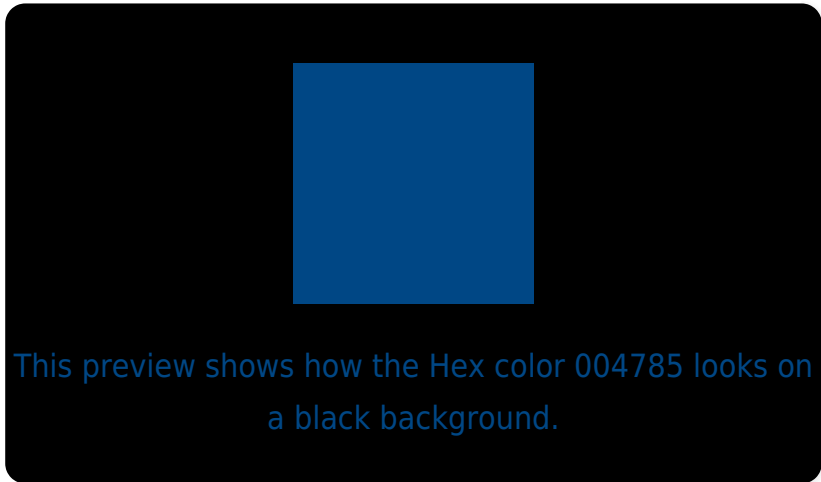
Large Text (above 18pt) WCAG AA ✓ Pass

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

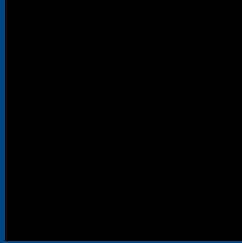
Any Text WCAG AA × Fail

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 004785 Background



This preview shows how black text looks on a background with the Hex color 004785.



This preview shows how white text looks on a background with the Hex color 004785.

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
004785

Protanomaly
194684

Deuteranomaly
004881

Tritanomaly
004C66

Monochromacy



Original Color
004785

Achromatopsia
393939

Achromatomaly
243E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 004785 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 #004785 looks like.

```
.text, #text, p{  
    color:#004785  
}
```

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 #004785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004785
}
```

Border

The CSS property to change the border of an element to Hex 004785 is called "border". The border property can be set on classes, ids or directly on the HTML element.

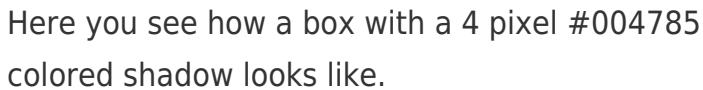
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#004785 }
```

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

```
.border{ border-color:#004785 }
```

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



Here you see how a box with a 4 pixel #004785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004785; -webkit-box-shadow:4px 4px  
4px 4px #004785; box-shadow:4px 4px 4px  
4px #004785 }
```

Background

The CSS property to change the background color of an element to Hex 004785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004785 }
```

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

```
.background{ background-color:#004785 }
```

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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