

Converting Colors

Hex(003285)

Have a look what the booklet for
Hex(003285) contains.

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Color

Hex(003285)

Conversions

Conversions Part 1

Format	Color
Hex	003285
RGB	0, 50, 133
RGB Percent	0%, 20%, 52%
CMY	1.0000, 0.8039, 0.4784
CMYK	1.00, 0.62, 0.00, 0.48
HSL	217°, 100%, 26%
HSV	217°, 100%, 52%
XYZ	5.3742, 3.9747, 22.6742
YIQ	44.5120, -56.4430, 15.2130

Conversions

Conversions Part 2

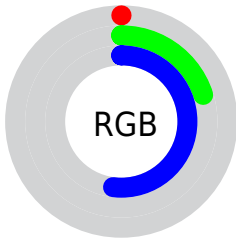
Format	Color
R_{YB}	0, 36, 133
Decimal	12933
CIE _{Lab}	23.59, 21.27, -50.29
CIE _{LCh}	24, 54.606, 292.929
Y _{xy}	3.9747, 0.1678, 0.1241
Android (android.graphics.Color)	4278203013 (0xFF003285)
YUV	44.5120, 43.6246, -39.0370
Hunter-Lab	19.9365, 13.2288, -53.4761

Details

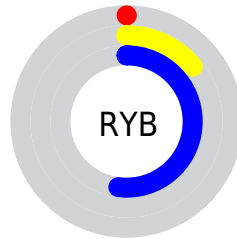
The Hex color **003285** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **855300**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4F60BB**, and **000752** is the 20% darker color. If you saturate the color by 10%, you get **003285**, and if you desaturate by 10%, it is **0D3A85**.

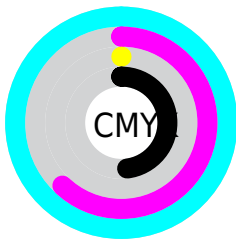
Distribution



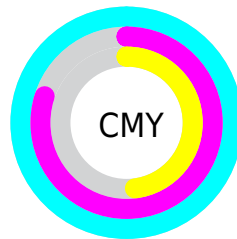
- Red (0%)
- Green (20%)
- Blue (52%)



- Red (0%)
- Yellow (14%)
- Blue (52%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (80%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003285 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 003285 by changing the saturation by 10% instead.

■ 003285

■ 003285

FFFFFF

■ 001E6B

■ 4F60BB

■ 000752

■ 6C78D7

■ 00063A

■ 8892F4

■ 000224

■ A5ACFF

■ 00000C

■ C2C8FF

■ 000000

■ DFE4FF

■ FDFFFF

■ 003285

■ 0D3A85

■ 1B4385

■ 284B85

■ 355385

■ 435B85

■ 506485

■ 5D6C85

■ 6A7485

■ 787D85

Harmonies

Analogous

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



00418B



003285



5E166A

Triad

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



003285



6B1D00



00482D

Complementary

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



003285



855300

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.



004500



003285



4E3300

Square

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



003285



7B001C



283F00



004957

Rectangle

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



003285



730051



283F00



00471E

Sweetspot

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



003285



798DAD



008552



374357



D6D6D6



575757

Same Dimension

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



003285



0041AD



100085



3C3E42



003182



000103

Inverse Universe

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



850032



AD0041



758500



423C3E



820031



030001

Previews

White Background



This preview shows how the Hex color 003285 looks on a white background.

Color Contrast Check

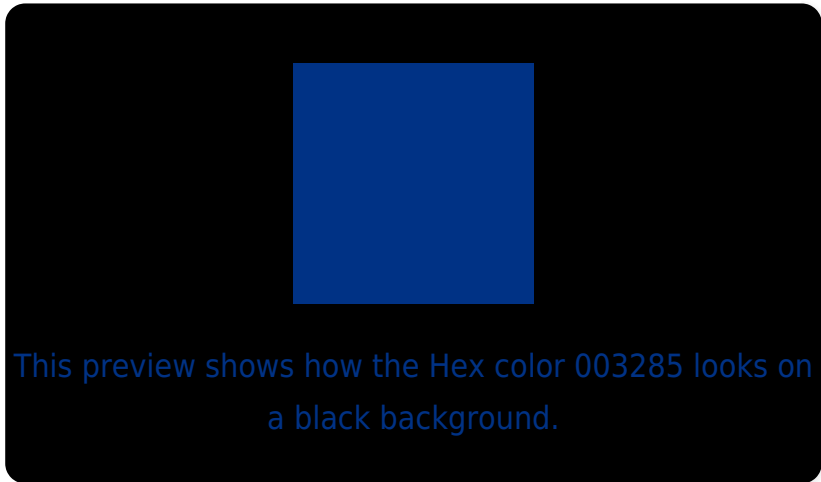
Large Text (above 18pt) WCAG AA ✓ Pass

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

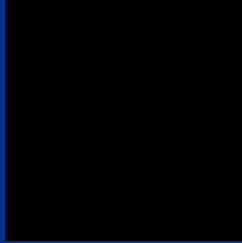
Any Text WCAG AA × Fail

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 003285 Background



This preview shows how black text looks on a background with the Hex color 003285.

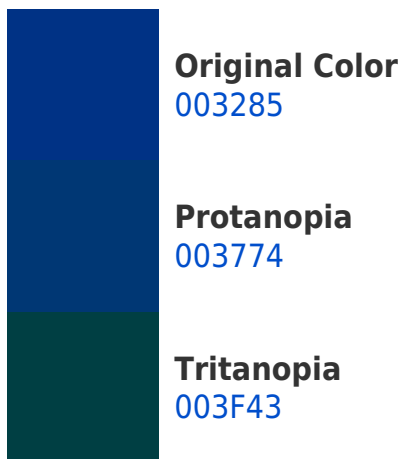


This preview shows how white text looks on a background with the Hex color 003285.

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
003285

Protanomaly
00357A

Tritanomaly
003A5B

Monochromacy



Original Color
003285

Achromatopsia
2D2D2D

Achromatomaly
1D2F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 003285 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 #003285 looks like.

```
.text, #text, p{  
    color:#003285  
}
```

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 #003285 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003285
}
```

Border

The CSS property to change the border of an element to Hex 003285 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
#003285 }
```

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

```
.border{ border-color:#003285 }
```

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

Here you see how a box with a 4 pixel #003285 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003285; -webkit-box-shadow:4px 4px  
4px 4px #003285; box-shadow:4px 4px 4px  
4px #003285 }
```

Background

The CSS property to change the background color of an element to Hex 003285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003285 }
```

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

```
.background{ background-color:#003285 }
```

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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