

Converting Colors

Hex(003887)

Have a look what the booklet for
Hex(003887) contains.

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Color

Hex(003887)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 003887 |
| RGB | 0, 56, 135 |
| RGB Percent | 0%, 22%, 53% |
| CMY | 1.0000, 0.7804, 0.4706 |
| CMYK | 1.00, 0.59, 0.00, 0.47 |
| HSL | 215°, 100%, 26% |
| HSV | 215°, 100%, 53% |
| XYZ | 5.7873, 4.5776, 23.5002 |
| YIQ | 48.2620, -58.7350, 12.6970 |

Conversions

Conversions Part 2

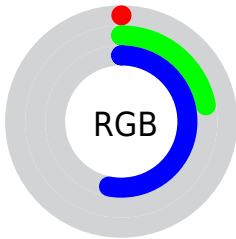
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 40, 135 |
| Decimal | 14471 |
| CIELab | 25.50, 17.84, -48.42 |
| CIELCh | 25, 51.607, 290.229 |
| Yxy | 4.5776, 0.1709, 0.1352 |
| Android (android.graphics.Color) | 4278204551 (0xFF003887) |
| YUV | 48.2620, 42.7618, -42.3258 |
| Hunter-Lab | 21.3954, 10.8415, -50.1461 |

Details

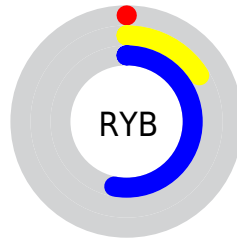
The Hex color **003887** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **874F00**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **4F66BD**, and **001054** is the 20% darker color. If you saturate the color by 10%, you get **003887**, and if you desaturate by 10%, it is **0D4087**.

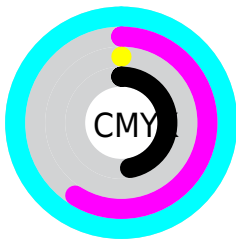
Distribution



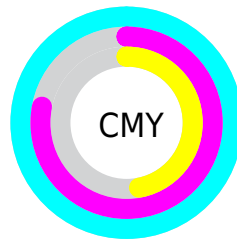
- Red (0%)
- Green (22%)
- Blue (53%)



- Red (0%)
- Yellow (16%)
- Blue (53%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (78%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003887 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 003887 by changing the saturation by 10% instead.

■ 003887

■ 003887

FFFFFF

■ 00236D

■ 4F66BD

■ 001054

■ 6C7FD9

■ 00063C

■ 8999F6

■ 000226

■ A5B4FF

■ 00010E

■ C2CFFF

■ 000000

■ DFEBFF

■ FDFFFF

■ 003887

■ 0D4087

■ 1B4887

■ 295087

■ 365887

■ 445F87

■ 516787

■ 5E6F87

■ 6C7787

■ 7A7F87

Harmonies

Analogous

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



00458B



003887



5D216F

Triad

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



003887



702200



004C2E

Complementary

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



003887



874F00

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.



004900



003887



563600

Square

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



003887



7E0124



334200



004D57

Rectangle

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



003887



730A58



334200



004B20

Sweetspot

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



003887



7B91B0



00874F



394659



D9D9D9



595959

Same Dimension

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



003887



0049B0



0B0087



3C3E42



003682



000103

Inverse Universe

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



870038



B00049



7C8700



423C3E



820036



030001

Previews

White Background



This preview shows how the Hex color 003887 looks on a white background.

Color Contrast Check

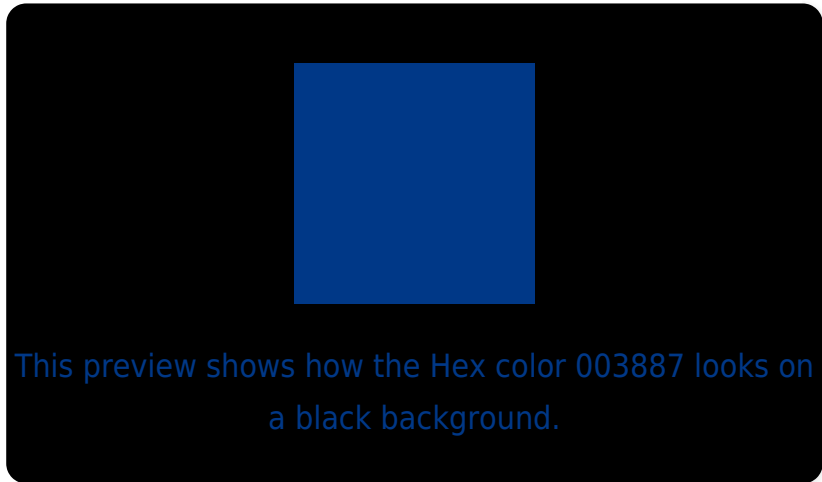
Large Text (above 18pt) WCAG AA ✓ Pass

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

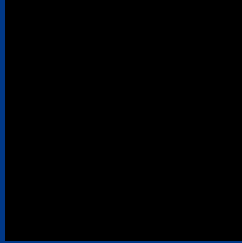
Any Text WCAG AA × Fail

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 003887 Background



This preview shows how black text looks on a background with the Hex color 003887.



This preview shows how white text looks on a background with the Hex color 003887.

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
003887

Protanopia
003B7D

Deuteranopia
003F6B

Trichromacy



Original Color
003887

Protanomaly
003A81

Deuteranomaly
003C75

Tritanomaly
00405F

Monochromacy



Original Color
003887

Achromatopsia
303030

Achromatomaly
1F3350

CSS Examples

Text

The CSS property to change the color of the text to Hex 003887 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 #003887 looks like.

```
.text, #text, p{  
    color:#003887  
}
```

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 #003887 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003887
}
```

Border

The CSS property to change the border of an element to Hex 003887 is called "border". The border property can be set on classes, ids or directly on the HTML element.

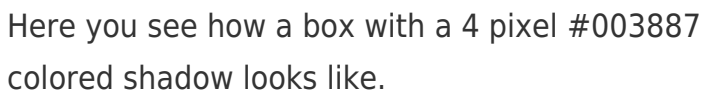
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#003887 }
```

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

```
.border{ border-color:#003887 }
```

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



Here you see how a box with a 4 pixel #003887 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003887; -webkit-box-shadow:4px 4px  
4px 4px #003887; box-shadow:4px 4px 4px  
4px #003887 }
```

Background

The CSS property to change the background color of an element to Hex 003887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003887 }
```

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

```
.background{ background-color:#003887 }
```

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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