

Converting Colors

Hex(003B87)

Have a look what the booklet for
Hex(003B87) contains.

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Color

Hex(003B87)

Conversions

Conversions Part 1

Format	Color
Hex	003B87
RGB	0, 59, 135
RGB Percent	0%, 23%, 53%
CMY	1.0000, 0.7686, 0.4706
CMYK	1.00, 0.56, 0.00, 0.47
HSL	214°, 100%, 26%
HSV	214°, 100%, 53%
XYZ	5.9371, 4.8772, 23.5501
YIQ	50.0230, -59.5600, 11.1280

Conversions

Conversions Part 2

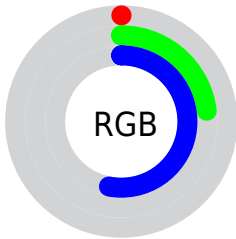
Format	Color
RYB	0, 41, 135
Decimal	15239
CIELab	26.38, 15.71, -46.98
CIELCh	26, 49.537, 288.487
Yxy	4.8772, 0.1728, 0.1419
Android (android.graphics.Color)	4278205319 (0xFF003B87)
YUV	50.0230, 41.8937, -43.8702
Hunter-Lab	22.0844, 9.3401, -47.7661

Details

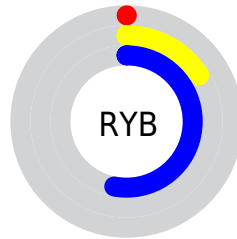
The Hex color **003B87** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **874C00**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **4F6ABD**, and **001354** is the 20% darker color. If you saturate the color by 10%, you get **003B87**, and if you desaturate by 10%, it is **0D4387**.

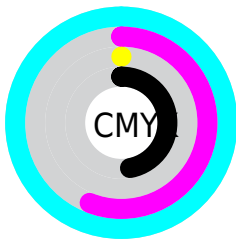
Distribution



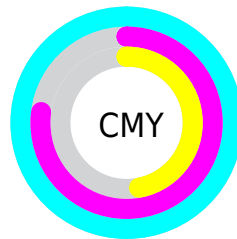
- Red (0%)
- Green (23%)
- Blue (53%)



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



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (77%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003B87 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 003B87 by changing the saturation by 10% instead.

■ 003B87

■ 003B87

FFFFFF

■ 00266D

■ 4F6ABD

■ 001354

■ 6C83D9

■ 00063C

■ 889CF6

■ 000226

■ A5B7FF

■ 00010F

■ C2D3FF

■ 000000

■ DFEFFF

■ FDFFFF

■ 003B87

■ 0D4387

■ 1B4A87

■ 295287

■ 365987

■ 446187

■ 516987

■ 5E7087

■ 6C7887

■ 7A7F87

Harmonies

Analogous

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



004789



003B87



5C2771

Triad

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



003B87



722402



004D2E

Complementary

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



003B87



874C00

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.



004A02



003B87



593800

Square

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



003B87



7F0B29



384400



004E55

Rectangle

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



003B87



72155B



384400



004D21

Sweetspot

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



003B87



7B92B0



00874A



394759



D9D9D9



595959

Same Dimension

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



003B87



004DB0



070087



3C3F42



003982



000103

Inverse Universe

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



87003B



B0004D



808700



423C3F



820039



030001

Previews

White Background



This preview shows how the Hex color 003B87 looks on a white background.

Color Contrast Check

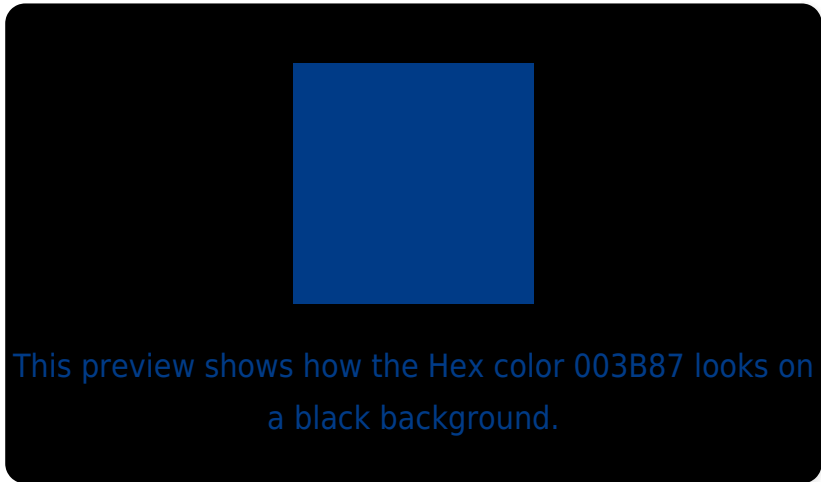
Large Text (above 18pt) WCAG AA ✓ Pass

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

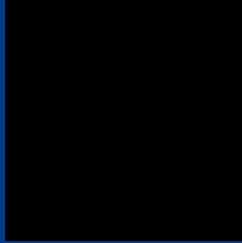
Any Text WCAG AA × Fail

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 003B87 Background



This preview shows how black text looks on a background with the Hex color 003B87.



This preview shows how white text looks on a background with the Hex color 003B87.

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
003B87

Protanopia
003D81

Deuteranopia
00416F



Tritanopia
00464A

Trichromacy



Original Color
003B87

Protanomaly
003C83

Deuteranomaly
003F78

Tritanomaly
004260

Monochromacy



Original Color
003B87

Achromatopsia
323232

Achromatomaly
203551

CSS Examples

Text

The CSS property to change the color of the text to Hex 003B87 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 #003B87 looks like.

```
.text, #text, p{  
    color:#003B87  
}
```

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 #003B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003B87
}
```

Border

The CSS property to change the border of an element to Hex 003B87 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
#003B87 }
```

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

```
.border{ border-color:#003B87 }
```

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

Here you see how a box with a 4 pixel #003B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003B87; -webkit-box-shadow:4px 4px  
4px 4px #003B87; box-shadow:4px 4px 4px  
4px #003B87 }
```

Background

The CSS property to change the background color of an element to Hex 003B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003B87 }
```

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

```
.background{ background-color:#003B87 }
```

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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