

Converting Colors

Hex(0038B3)

Have a look what the booklet for
Hex(0038B3) contains.

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Color

Hex(0038B3)

Conversions

Conversions Part 1

Format	Color
Hex	0038B3
RGB	0, 56, 179
RGB Percent	0%, 22%, 70%
CMY	1.0000, 0.7804, 0.2980
CMYK	1.00, 0.69, 0.00, 0.30
HSL	221°, 100%, 35%
HSV	221°, 100%, 70%
XYZ	9.5509, 6.0830, 43.3186
YIQ	53.2780, -72.8590, 26.3810

Conversions

Conversions Part 2

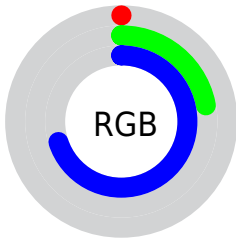
Format	Color
R _Y B	0, 43, 179
Decimal	14515
CIE Lab	29.62, 35.81, -68.44
CIE LCh	30, 77.243, 297.622
Yxy	6.0830, 0.1620, 0.1032
Android (android.graphics.Color)	4278204595 (0xFF0038B3)
YUV	53.2780, 61.9809, -46.7248
Hunter-Lab	24.6638, 25.9611, -86.8702

Details

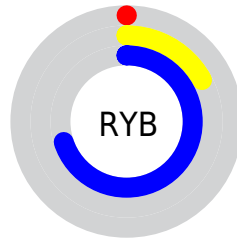
The Hex color **0038B3** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B37B00**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5E67EC**, and **00107D** is the 20% darker color. If you saturate the color by 10%, you get **0038B3**, and if you desaturate by 10%, it is **1244B3**.

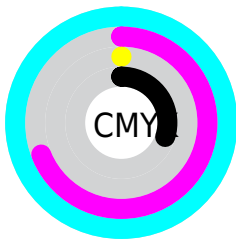
Distribution



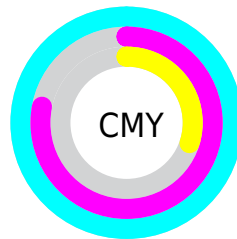
- Red (0%)
- Green (22%)
- Blue (70%)



- Red (0%)
- Yellow (17%)
- Blue (70%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (78%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0038B3 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 0038B3 by changing the saturation by 10% instead.

■ 0038B3

■ 0038B3

FFFFFF

■ 002398

■ 5E67EC

■ 00107D

■ 7E80FF

■ 000063

■ 9C9AFF

■ 00094A

■ BAB5FF

■ 000432

■ D9D0FF

■ 00021D

■ F7EDFF

■ 000000

■ 0038B3

■ 1244B3

 2451B3

 365DB3

 4869B3

 5A76B3

 6B82B3

 7D8EB3

 8F9AB3

 A1A7B3

Harmonies

Analogous

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



0051C1



0038B3



840087

Triad

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



0038B3



862000



005B3F

Complementary

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



0038B3



B37B00

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.



005800



0038B3



5A4300

Square

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



0038B3



A20014



185200



005C7D

Rectangle

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



0038B3



9E0061



185200



005A2A

Sweetspot

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



0038B3



A2B8E8



00B37A



4B5875



F5F5F5



757575

Same Dimension

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



0038B3



0049E8



2100B3



505359



003099



00081A

Inverse Universe

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



B30038



E80049



92B300



595053



990030



1A0008

Previews

White Background



This preview shows how the Hex color 0038B3 looks on a white background.

Color Contrast Check

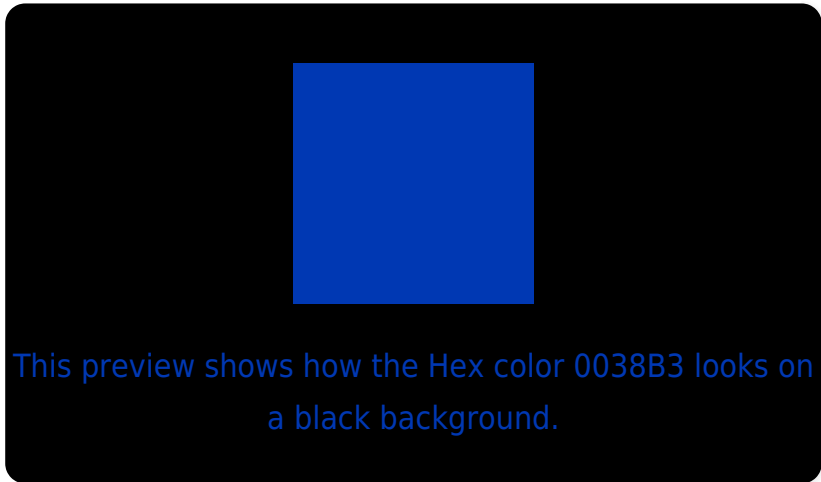
Large Text (above 18pt) WCAG AA ✓ Pass

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

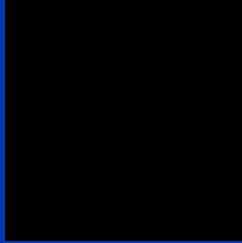
Any Text WCAG AA × Fail

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 0038B3 Background



This preview shows how black text looks on a background with the Hex color 0038B3.



This preview shows how white text looks on a background with the Hex color 0038B3.

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
0038B3

Protanopia
00448F

Deuteranopia
004879



Tritanopia
004E52

Trichromacy



Original Color
0038B3

Protanomaly
00409C

Deuteranomaly
00428E

Tritanomaly
004675

Monochromacy



Original Color
0038B3

Achromatopsia
353535

Achromatomaly
223663

CSS Examples

Text

The CSS property to change the color of the text to Hex 0038B3 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 #0038B3 looks like.

```
.text, #text, p{  
    color:#0038B3  
}
```

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 #0038B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0038B3
}
```

Border

The CSS property to change the border of an element to Hex 0038B3 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".

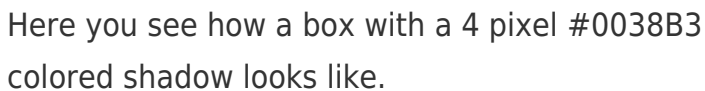
```
.border, #border, table{ border:4px solid
#0038B3 }
```

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

```
.border{ border-color:#0038B3 }
```

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

Here you see how a box with a 4 pixel #0038B3 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0038B3; -webkit-box-shadow:4px 4px  
4px 4px #0038B3; box-shadow:4px 4px 4px  
4px #0038B3 }
```

Background

The CSS property to change the background color of an element to Hex 0038B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0038B3 }
```

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

```
.background{ background-color:#0038B3 }
```

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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