

Converting Colors

Hex(0059B3)

Have a look what the booklet for
Hex(0059B3) contains.

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Color

Hex(0059B3)

Conversions

Conversions Part 1

Format	Color
Hex	0059B3
RGB	0, 89, 179
RGB Percent	0%, 35%, 70%
CMY	1.0000, 0.6510, 0.2980
CMYK	1.00, 0.50, 0.00, 0.30
HSL	210°, 100%, 35%
HSV	210°, 100%, 70%
XYZ	11.7091, 10.3994, 44.0380
YIQ	72.6490, -81.9340, 9.1220

Conversions

Conversions Part 2

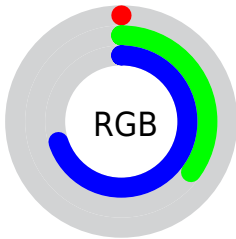
Format	Color
R_{YB}	0, 59, 179
Decimal	22963
CIE _{Lab}	38.55, 13.66, -53.85
CIE _{LCh}	39, 55.560, 284.233
Yxy	10.3994, 0.1770, 0.1572
Android (android.graphics.Color)	4278213043 (0xFF0059B3)
YUV	72.6490, 52.4310, -63.7132
Hunter-Lab	32.2481, 8.3778, -58.3926

Details

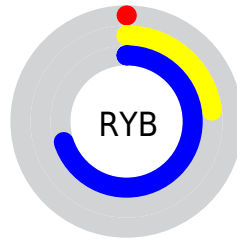
The Hex color **0059B3** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B35A00**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5C8AEB**, and **002D7D** is the 20% darker color. If you saturate the color by 10%, you get **0059B3**, and if you desaturate by 10%, it is **1262B3**.

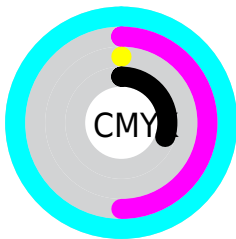
Distribution



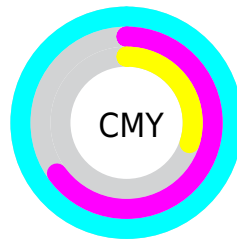
- Red (0%)
- Green (35%)
- Blue (70%)



- Red (0%)
- Yellow (23%)
- Blue (70%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (65%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0059B3 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 0059B3 by changing the saturation by 10% instead.

■ 0059B3

■ 0059B3

FFFFFF

■ 004298

■ 5C8AEB

■ 002D7D

■ 7BA4FF

■ 001A64

■ 99BFFF

■ 00034B

■ B6DBFF

■ 000434

■ D4F7FF

■ 00021E

■ F3FFFF

■ 000000

■ 0059B3

■ 1262B3

 246BB3

 3674B3

 487DB3

 5A86B3

 6B8FB3

 7D98B3

 8FA1B3

 A1AAB3

Harmonies

Analogous

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



0067B2



0059B3



77449C

Triad

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



0059B3



9E3A1C



006D41

Complementary

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



0059B3



B35A00

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.



22690F



0059B3



825000

Square

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



0059B3



AA2747



5A5F00



006F70

Rectangle

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



0059B3



953383



5A5F00



006C31

Sweetspot

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



0059B3



A2C5E8



00B35A



4B6075



F5F5F5



757575

Same Dimension

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



0059B3



0073E8



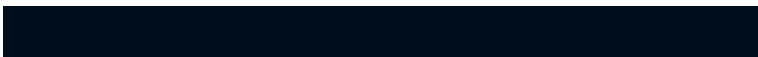
0000B3



505559



004C99



000D1A

Inverse Universe

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



B30059



E80073



B3B300



595055



99004C



1A000D

Previews

White Background



This preview shows how the Hex color 0059B3 looks on a white background.

Color Contrast Check

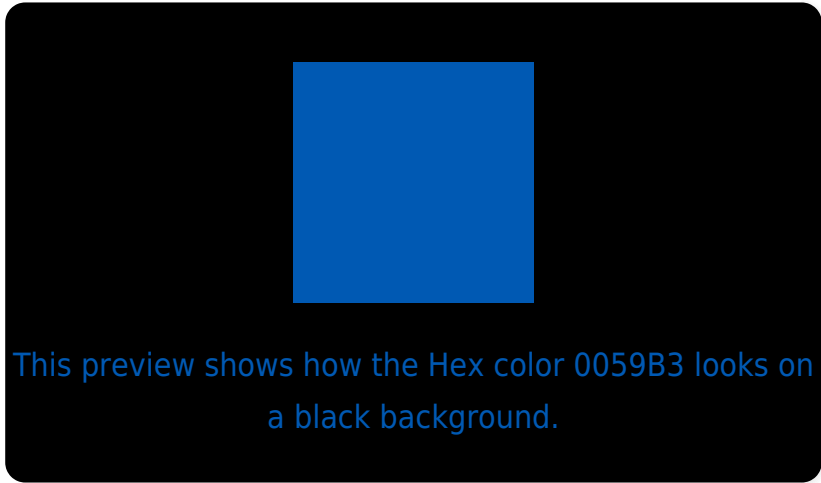
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

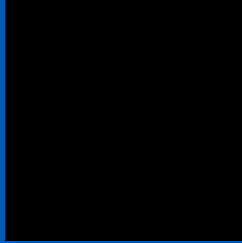
Any Text WCAG AA × Fail

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 0059B3 Background



This preview shows how black text looks on a background with the Hex color 0059B3.



This preview shows how white text looks on a background with the Hex color 0059B3.

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
0059B3

Protanomaly
1758B2

Deuteranomaly
005CA8

Monochromacy



Original Color
0059B3

Achromatopsia
494949

Achromatomaly
2E4F70

CSS Examples

Text

The CSS property to change the color of the text to Hex 0059B3 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 #0059B3 looks like.

```
.text, #text, p{  
    color:#0059B3  
}
```

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 #0059B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0059B3
}
```

Border

The CSS property to change the border of an element to Hex 0059B3 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
#0059B3 }
```

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

```
.border{ border-color:#0059B3 }
```

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

Here you see how a box with a 4 pixel #0059B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0059B3; -webkit-box-shadow:4px 4px  
4px 4px #0059B3; box-shadow:4px 4px 4px  
4px #0059B3 }
```

Background

The CSS property to change the background color of an element to Hex 0059B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0059B3 }
```

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

```
.background{ background-color:#0059B3 }
```

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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