

# Converting Colors

Hex(0051C3)

Have a look what the booklet for  
Hex(0051C3) contains.

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**Color**

**Hex(0051C3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0051C3
RGB	0, 81, 195
RGB Percent	0%, 32%, 76%
CMY	1.0000, 0.6824, 0.2353
CMYK	1.00, 0.58, 0.00, 0.24
HSL	215°, 100%, 38%
HSV	215°, 100%, 76%
XYZ	12.7928, 9.8250, 52.8519
YIQ	69.7770, -84.8700, 18.2820

# Conversions

## Conversions Part 2

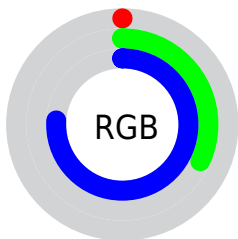
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 57, 195
Decimal	20931
CIE <sub>Lab</sub>	37.53, 25.52, -64.89
CIE <sub>LCh</sub>	38, 69.731, 291.469
Yxy	9.8250, 0.1695, 0.1302
Android (android.graphics.Color)	4278211011 (0xFF0051C3)
YUV	69.7770, 61.7349, -61.1944
Hunter-Lab	31.3448, 17.9977, -78.0301

# Details

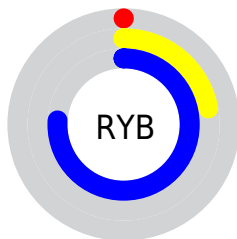
The Hex color **0051C3** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C37200**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6182FD**, and **00268C** is the 20% darker color. If you saturate the color by 10%, you get **0051C3**, and if you desaturate by 10%, it is **135CC3**.

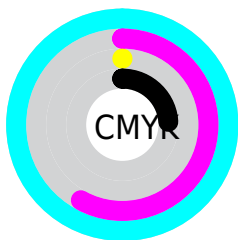
# Distribution



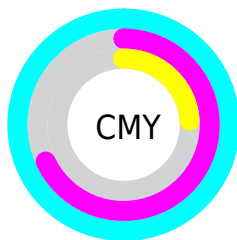
- Red (0%)
- Green (32%)
- Blue (76%)



- Red (0%)
- Yellow (22%)
- Blue (76%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (68%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0051C3 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 0051C3 by changing the saturation by 10% instead.



 0051C3

 0051C3

FFFFFF

 003BA7

 6182FD

 00268C

 819BFF

 001472

 A0B6FF

 000159

 BED2FF

 000740

 DDEEFF

 000329

 FBFFFF

 000113

 000000

 0051C3

 135CC3

 2768C3

 3B73C3

 4E7FC3

 628AC3

 7595C3

 88A1C3

 9CACCC3

 B0B8C3

# Harmonies

## Analogous

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



0065CA



0051C3



892EA0

# Triad

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



0051C3



A03300



006E46

# Complementary

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



0051C3



C37200

# 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.



006A00



0051C3



7A5000

# Square

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



0051C3



B60033



466100



006F80

# Rectangle

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



0051C3



A8007D



466100



006D32



# Sweetspot

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



0051C3



B1D0FC



00C372



526580



000000



808080



# Same Dimension

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



0051C3



0069FC



1000C3



575B61



0043A1



000E21



# Inverse Universe

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



C30051



FC0069



B3C300



61575B



A10043



21000E



# Previews

## White Background



This preview shows how the Hex color 0051C3 looks on a white background.

## Color Contrast Check

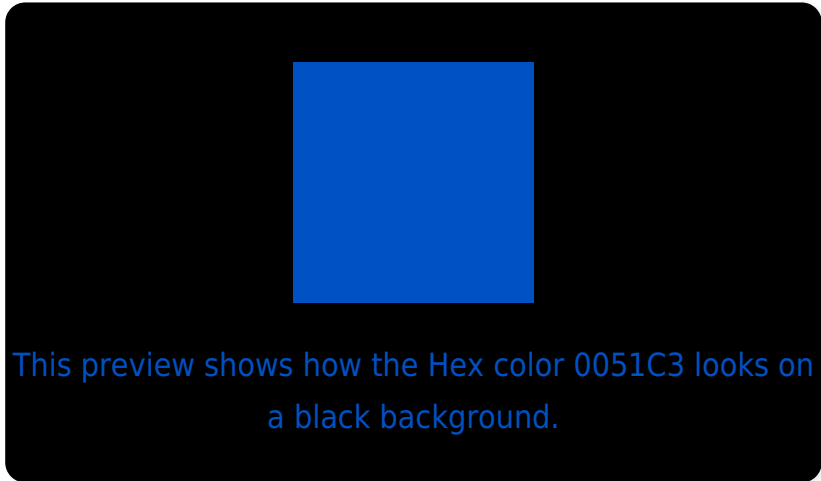
Large Text (above 18pt) WCAG AA ✓ Pass

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

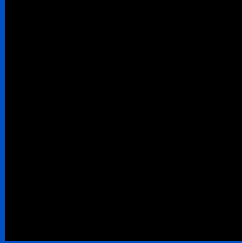
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0051C3 Background



This preview shows how black text looks on a background with the Hex color 0051C3.



This preview shows how white text looks on a background with the Hex color 0051C3.

# 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**  
0051C3

**Protanopia**  
0055B4

**Deuteranopia**  
005B9B

# Trichromacy



**Original Color**  
0051C3

**Protanomaly**  
0054B9

**Deuteranomaly**  
0057AA

# Monochromacy



**Original Color**  
0051C3

**Achromatopsia**  
464646

**Achromatomaly**  
2D4A73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0051C3 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 #0051C3 looks like.

```
.text, #text, p{  
    color:#0051C3  
}
```

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 #0051C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0051C3
}
```

## Border

The CSS property to change the border of an element to Hex 0051C3 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
#0051C3 }
```

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

```
.border{ border-color:#0051C3 }
```

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

Here you see how a box with a 4 pixel #0051C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0051C3; -webkit-box-shadow:4px 4px  
4px 4px #0051C3; box-shadow:4px 4px 4px  
4px #0051C3 }
```

# Background

The CSS property to change the background color of an element to Hex 0051C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0051C3 }
```

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

```
.background{ background-color:#0051C3 }
```

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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