

Converting Colors

Hex(0050B5)

Have a look what the booklet for
Hex(0050B5) contains.

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Color

Hex(0050B5)

Conversions

Conversions Part 1

Format	Color
Hex	0050B5
RGB	0, 80, 181
RGB Percent	0%, 31%, 71%
CMY	1.0000, 0.6863, 0.2902
CMYK	1.00, 0.56, 0.00, 0.29
HSL	213°, 100%, 35%
HSV	213°, 100%, 71%
XYZ	11.2092, 9.0735, 44.8766
YIQ	67.5940, -80.1010, 14.4510

Conversions

Conversions Part 2

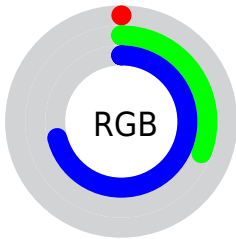
Format	Color
RYB	0, 55, 181
Decimal	20661
CIELab	36.13, 20.52, -58.97
CIELCh	36, 62.435, 289.186
Yxy	9.0735, 0.1720, 0.1393
Android (android.graphics.Color)	4278210741 (0xFF0050B5)
YUV	67.5940, 55.9092, -59.2799
Hunter-Lab	30.1223, 13.7097, -67.2456

Details

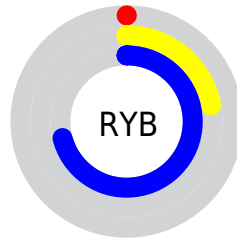
The Hex color **0050B5** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B56500**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5D80EE**, and **00257F** is the 20% darker color. If you saturate the color by 10%, you get **0050B5**, and if you desaturate by 10%, it is **125AB5**.

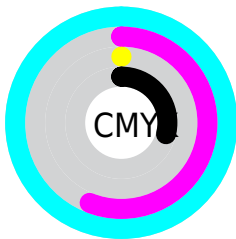
Distribution



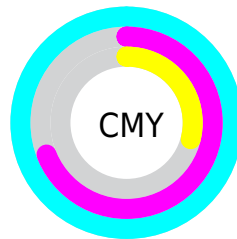
- Red (0%)
- Green (31%)
- Blue (71%)



- Red (0%)
- Yellow (22%)
- Blue (71%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (69%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0050B5 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 0050B5 by changing the saturation by 10% instead.

 0050B5

 0050B5

FFFFFF

 003A9A

 5D80EE

 00257F

 7C9AFF

 001365

 9AB5FF

 00074D

 B8D0FF

 000535

 D6ECFF

 00021F

 F4FFFF

 000001

 000000

 0050B5

■ 125AB5

■ 2464B5

■ 366EB5

■ 4878B5

■ 5B83B5

■ 6D8DB5

■ 7F97B5

■ 91A1B5

■ A3ABB5

Harmonies

Analogous

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



0061B9



0050B5



7D3497

Triad

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



0050B5



993302



006940

Complementary

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



0050B5



B56500

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.



006503



0050B5



774C00

Square

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



0050B5



AA0D38



4A5C00



006A75

Rectangle

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



0050B5



9A1B7A



4A5C00



00682F

Sweetspot

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



0050B5



A4C3EB



00B564



4B5E75



F5F5F5



757575

Same Dimension

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



0050B5



0068EB



0900B5



505459



004499



000B1A

Inverse Universe

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



B50050



EB0068



ACB500



595054



990044



1A000B

Previews

White Background



This preview shows how the Hex color 0050B5 looks on a white background.

Color Contrast Check

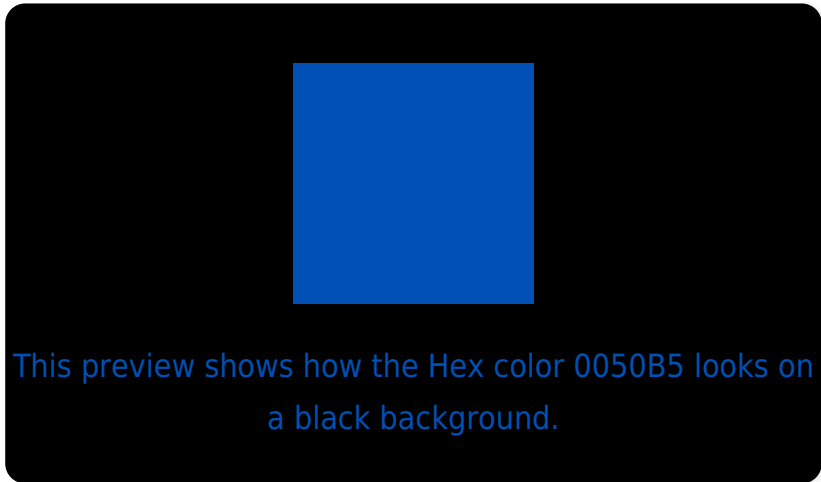
Large Text (above 18pt) WCAG AA ✓ Pass

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

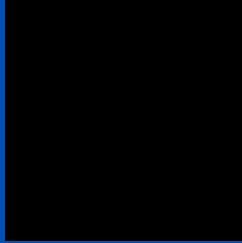
Any Text WCAG AA × Fail

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 0050B5 Background



This preview shows how black text looks on a background with the Hex color 0050B5.



This preview shows how white text looks on a background with the Hex color 0050B5.

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
0050B5

Protanopia
0052AE

Deuteranopia
005796



Tritanopia
005E64

Trichromacy



Original Color
0050B5

Protanomaly
0051B1

Deuteranomaly
0054A1

Tritanomaly
005981

Monochromacy



Original Color
0050B5

Achromatopsia
444444

Achromatomaly
2B486D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0050B5 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 #0050B5 looks like.

```
.text, #text, p{  
    color:#0050B5  
}
```

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 #0050B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0050B5
}
```

Border

The CSS property to change the border of an element to Hex 0050B5 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
#0050B5 }
```

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

```
.border{ border-color:#0050B5 }
```

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

Here you see how a box with a 4 pixel #0050B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0050B5; -webkit-box-shadow:4px 4px  
4px 4px #0050B5; box-shadow:4px 4px 4px  
4px #0050B5 }
```

Background

The CSS property to change the background color of an element to Hex 0050B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0050B5 }
```

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

```
.background{ background-color:#0050B5 }
```

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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