

Converting Colors

Hex(0445B5)

Have a look what the booklet for
Hex(0445B5) contains.

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Color

Hex(0445B5)

Conversions

Conversions Part 1

Format	Color
Hex	0445B5
RGB	4, 69, 181
RGB Percent	2%, 27%, 71%
CMY	0.9843, 0.7294, 0.2902
CMYK	0.98, 0.62, 0.00, 0.29
HSL	218°, 96%, 36%
HSV	218°, 98%, 71%
XYZ	10.5187, 7.6183, 44.6321
YIQ	62.3330, -74.6920, 21.0520

Conversions

Conversions Part 2

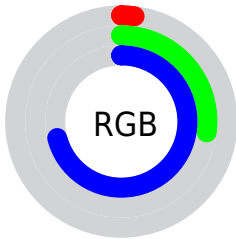
Format	Color
RYB	4, 52, 181
Decimal	279989
CIELab	33.17, 28.09, -63.78
CIELCh	33, 69.697, 293.772
Yxy	7.6183, 0.1676, 0.1214
Android (android.graphics.Color)	4278470069 (0xFF0445B5)
YUV	62.3330, 58.5028, -51.1580
Hunter-Lab	27.6012, 19.7235, -76.5533

Details

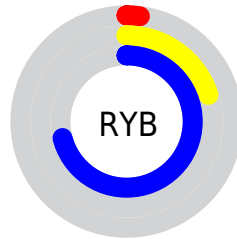
The Hex color **0445B5** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B57404**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5F75EE**, and **001C7F** is the 20% darker color. If you saturate the color by 10%, you get **0042B5**, and if you desaturate by 10%, it is **1650B5**.

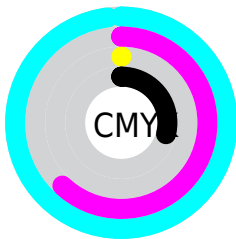
Distribution



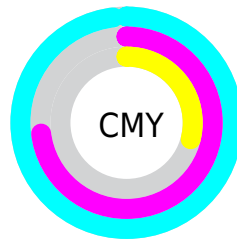
- Red (2%)
- Green (27%)
- Blue (71%)



- Red (2%)
- Yellow (20%)
- Blue (71%)



- Cyan (98%)
- Magenta (62%)
- Yellow (0%)
- Black (29%)



- Cyan (98%)
- Magenta (73%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0445B5 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 0445B5 by changing the saturation by 10% instead.

■ 0445B5

■ 0445B5

FFFFFF

■ 002F9A

■ 5F75EE

■ 001C7F

■ 7E8EFF

■ 000665

■ 9CA8FF

■ 00094C

■ BAC3FF

■ 000534

■ D8DFFF

■ 00021E

■ F7FCFF

■ 000001

■ 000000

■ 0445B5

■ 0445B5

■ 0042B5

■ 1650B5

■ 285CB5

■ 3A67B5

■ 4C73B5

■ 5E7EB5

■ 718AB5

■ 8395B5

■ 95A1B5

■ A7ACB5

Harmonies

Analogous

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



0059BE



0445B5



821D90

Triad

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



0445B5



912A00



006340

Complementary

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



0445B5



B57404

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.



005F00



0445B5



6A4800

Square

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



0445B5



A70026



355800



006479

Rectangle

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



0445B5



9E006E



355800



00622D

Sweetspot

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



0445B5



A7C0EB



04B571



4C5B75



F5F5F5



757575

Same Dimension

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



0445B5



0056EB



1904B5



505459



003899



00091A

Inverse Universe

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



B50445



EB0056



A0B504



595054



990038



1A0009

Previews

White Background



This preview shows how the Hex color 0445B5 looks on a white background.

Color Contrast Check

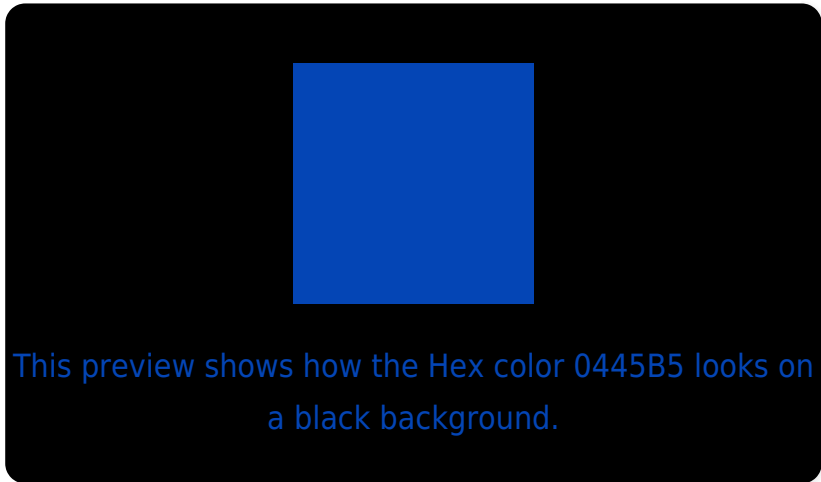
Large Text (above 18pt) WCAG AA ✓ Pass

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

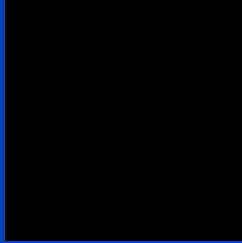
Any Text WCAG AA × Fail

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 0445B5 Background



This preview shows how black text looks on a background with the Hex color 0445B5.



This preview shows how white text looks on a background with the Hex color 0445B5.

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
0445B5

Protanopia
004B9F

Deuteranopia
005088



Tritanopia
00575C

Trichromacy



Original Color
0445B5

Protanomaly
0149A7

Deuteranomaly
014C98

Tritanomaly
01507C

Monochromacy



Original Color
0445B5

Achromatopsia
3E3E3E

Achromatomaly
294169

CSS Examples

Text

The CSS property to change the color of the text to Hex 0445B5 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 #0445B5 looks like.

```
.text, #text, p{  
    color:#0445B5  
}
```

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 #0445B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0445B5
}
```

Border

The CSS property to change the border of an element to Hex 0445B5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

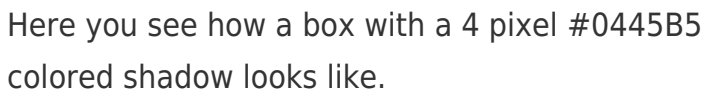
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0445B5 }
```

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

```
.border{ border-color:#0445B5 }
```

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



Here you see how a box with a 4 pixel #0445B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0445B5; -webkit-box-shadow:4px 4px  
4px 4px #0445B5; box-shadow:4px 4px 4px  
4px #0445B5 }
```

Background

The CSS property to change the background color of an element to Hex 0445B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0445B5 }
```

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

```
.background{ background-color:#0445B5 }
```

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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