

Converting Colors

Hex(0404BD)

Have a look what the booklet for
Hex(0404BD) contains.

Hex(0404BD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0404BD)

Conversions

Conversions Part 1

Format	Color
Hex	0404BD
RGB	4, 4, 189
RGB Percent	2%, 2%, 74%
CMY	0.9843, 0.9843, 0.2588
CMYK	0.98, 0.98, 0.00, 0.26
HSL	240°, 96%, 38%
HSV	240°, 98%, 74%
XYZ	9.2788, 3.7868, 48.3860
YIQ	25.0900, -59.3850, 57.5350

Conversions

Conversions Part 2

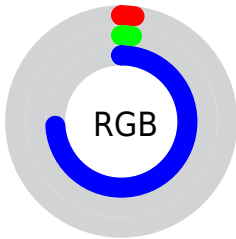
Format	Color
R _Y B	4, 4, 189
Decimal	263357
CIE Lab	22.95, 62.32, -85.46
CIE LCh	23, 105.771, 306.102
Yxy	3.7868, 0.1510, 0.0616
Android (android.graphics.Color)	4278453437 (0xFF0404BD)
YUV	25.0900, 80.8076, -18.4959
Hunter-Lab	19.4596, 51.0586, -133.8018

Details

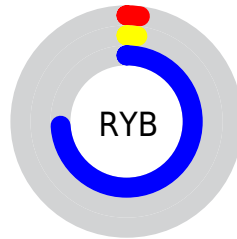
The Hex color **0404BD** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **BDBD04**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **673FF7**, and **000086** is the 20% darker color. If you saturate the color by 10%, you get **0000BD**, and if you desaturate by 10%, it is **1717BD**.

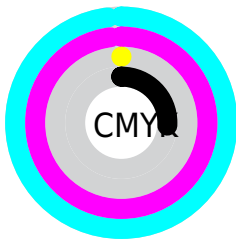
Distribution



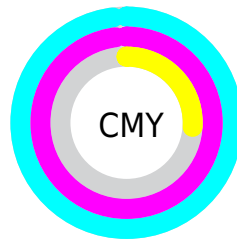
- Red (2%)
- Green (2%)
- Blue (74%)



- Red (2%)
- Yellow (2%)
- Blue (74%)



- Cyan (98%)
- Magenta (98%)
- Yellow (0%)
- Black (26%)



- Cyan (98%)
- Magenta (98%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0404BD 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 0404BD by changing the saturation by 10% instead.

0404BD

0404BD

FFFFFF

0000A1

673FF7

000086

8759FF

00006B

A773FF

000B52

C68EFF

00053A

E5A9FF

000223

FFC5FF

00000B

FFE2FF

000000

0404BD

0404BD

■ 0000BD

■ 1717BD

■ 2A2ABD

■ 3D3DBD

■ 5050BD

■ 6262BD

■ 7575BD

■ 8888BD

■ 9B9BBD

■ AEAEBD

Harmonies

Analogous

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



0044DE



0404BD



970079

Triad

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



0404BD



730700



004D46

Complementary

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



0404BD



BDBD04

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.



004B00



0404BD



363A00

Square

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



0404BD



9E0000



004700



005096

Rectangle

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



0404BD



AD0045



004700



004C2A

Sweetspot

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



0404BD



AEAEF5



04BDBD



50507A



FAFAFA



7A7A7A

Same Dimension

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



0404BD



0000F5



6004BD



55555E



00009E



00001F

Inverse Universe

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



BD04BD



F500F5



60BD04



5E555E



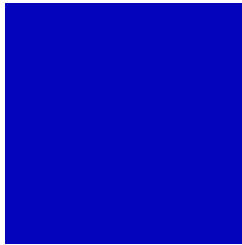
9E009E



1F001F

Previews

White Background



This preview shows how the Hex color 0404BD looks on a white background.

Color Contrast Check

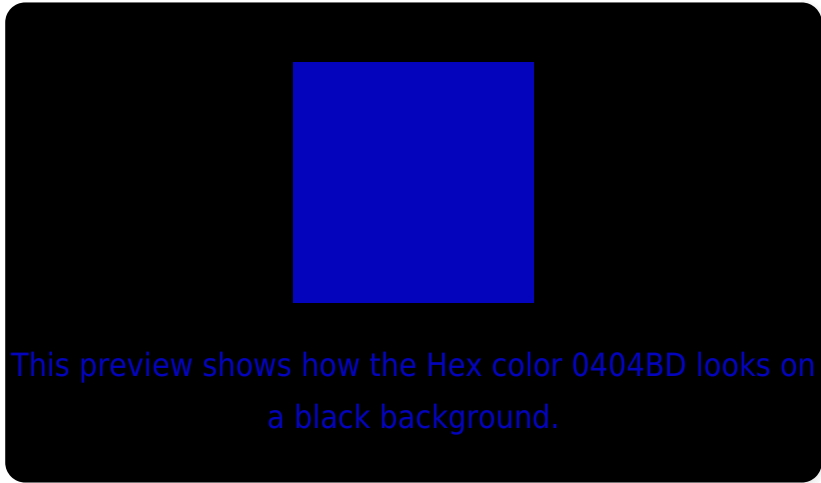
Large Text (above 18pt) WCAG AA ✓ Pass

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

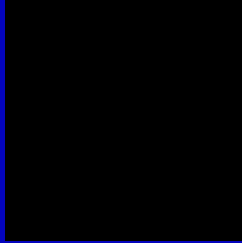
Any Text WCAG AA × Fail

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 0404BD Background



This preview shows how black text looks on a background with the Hex color 0404BD.



This preview shows how white text looks on a background with the Hex color 0404BD.

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
0404BD

Protanopia
003774

Deuteranopia
003B62

Trichromacy



Original Color
0404BD

Protanomaly
01248F

Deuteranomaly
012783

Tritanomaly
012A6F

Monochromacy



Original Color
0404BD

Achromatopsia
191919

Achromatomaly
111155

CSS Examples

Text

The CSS property to change the color of the text to Hex 0404BD 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 #0404BD looks like.

```
.text, #text, p{  
    color:#0404BD  
}
```

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 #0404BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0404BD
}
```

Border

The CSS property to change the border of an element to Hex 0404BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

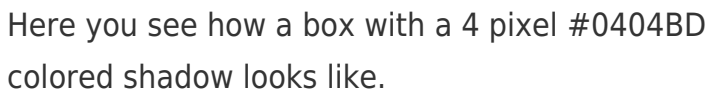
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0404BD }
```

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

```
.border{ border-color:#0404BD }
```

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



Here you see how a box with a 4 pixel #0404BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0404BD; -webkit-box-shadow:4px 4px  
4px 4px #0404BD; box-shadow:4px 4px 4px  
4px #0404BD }
```

Background

The CSS property to change the background color of an element to Hex 0404BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0404BD }
```

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

```
.background{ background-color:#0404BD }
```

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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