

Converting Colors

Hex(0203B4)

Have a look what the booklet for
Hex(0203B4) contains.

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Color

Hex(0203B4)

Conversions

Conversions Part 1

Format	Color
Hex	0203B4
RGB	2, 3, 180
RGB Percent	1%, 1%, 71%
CMY	0.9922, 0.9882, 0.2941
CMYK	0.99, 0.98, 0.00, 0.29
HSL	240°, 98%, 36%
HSV	240°, 99%, 71%
XYZ	8.2958, 3.3733, 43.3939
YIQ	22.8790, -57.4130, 54.8350

Conversions

Conversions Part 2

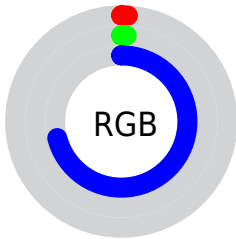
Format	Color
RYB	2, 3, 180
Decimal	132020
CIELab	21.48, 60.24, -82.56
CIELCh	21, 102.197, 306.114
Yxy	3.3733, 0.1507, 0.0613
Android (android.graphics.Color)	4278322100 (0xFF0203B4)
YUV	22.8790, 77.4607, -18.3109
Hunter-Lab	18.3666, 48.4833, -127.2251

Details

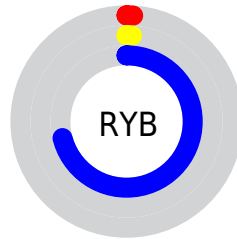
The Hex color **0203B4** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **B4B302**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **633DED**, and **00007D** is the 20% darker color. If you saturate the color by 10%, you get **0001B4**, and if you desaturate by 10%, it is **1415B4**.

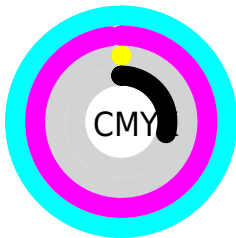
Distribution



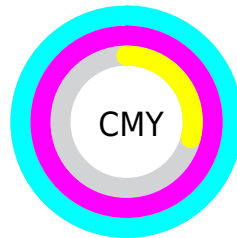
- Red (1%)
- Green (1%)
- Blue (71%)



- Red (1%)
- Yellow (1%)
- Blue (71%)



- Cyan (99%)
- Magenta (98%)
- Yellow (0%)
- Black (29%)



- Cyan (99%)
- Magenta (99%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0203B4 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 0203B4 by changing the saturation by 10% instead.

■ 0203B4

■ 0203B4

■ FFFCFF

■ 000098

■ 633DED

■ 00007D

■ 8457FF

■ 000063

■ A371FF

■ 00094A

■ C28CFF

■ 000433

■ E1A7FF

■ 00021D

■ FFC3FF

■ 000000

■ FFDFFF

■ 0203B4

■ 0203B4

■ 0001B4

■ 1415B4

■ 2627B4

■ 3839B4

■ 4A4BB4

■ 5C5CB4

■ 6E6EB4

■ 8080B4

■ 9292B4

■ A4A4B4

Harmonies

Analogous

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



0040D4



0203B4



8F0073

Triad

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



0203B4



6D0600



004842

Complementary

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



0203B4



B4B302

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.



004700



0203B4



323700

Square

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



0203B4



960000



004300



004C8F

Rectangle

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



0203B4



A50041



004300



004827

Sweetspot

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



0203B4



A4A5EB



02B4B1



4B4B75



F5F5F5



757575

Same Dimension

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



0203B4



0001EB



5802B4



505059



000199



00001A

Inverse Universe

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



B40203



EB0001



5EB402



595050



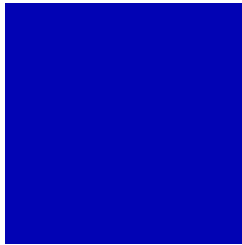
990001



1A0000

Previews

White Background



This preview shows how the Hex color 0203B4 looks on a white background.

Color Contrast Check

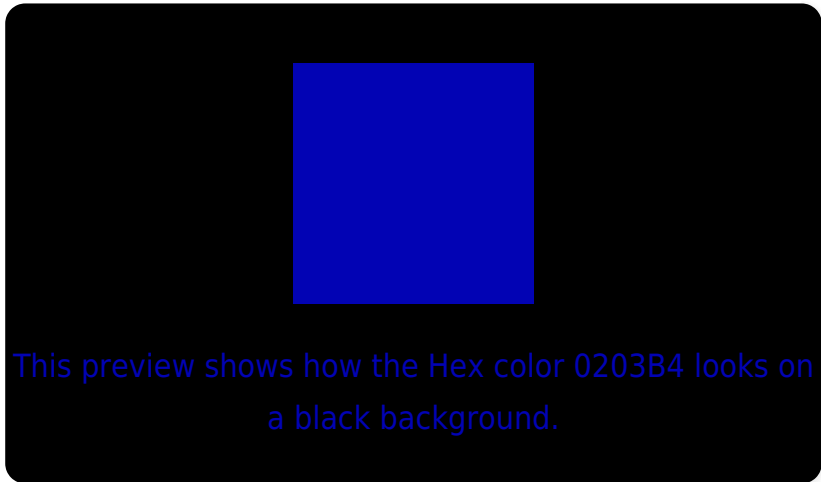
Large Text (above 18pt) WCAG AA ✓ Pass

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

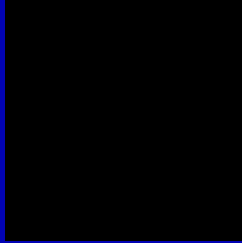
Any Text WCAG AA × Fail

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 0203B4 Background



This preview shows how black text looks on a background with the Hex color 0203B4.



This preview shows how white text looks on a background with the Hex color 0203B4.

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
0203B4

Protanopia
00356E

Deuteranopia
00385D



Tritanopia
003D3F

Trichromacy



Original Color
0203B4

Protanomaly
012387

Deuteranomaly
01257D

Tritanomaly
01286A

Monochromacy



Original Color
0203B4

Achromatopsia
171717

Achromatomaly
0F1050

CSS Examples

Text

The CSS property to change the color of the text to Hex 0203B4 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 #0203B4 looks like.

```
.text, #text, p{  
    color:#0203B4  
}
```

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 #0203B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0203B4
}
```

Border

The CSS property to change the border of an element to Hex 0203B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

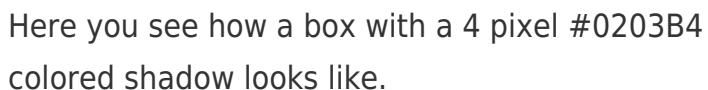
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0203B4 }
```

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

```
.border{ border-color:#0203B4 }
```

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



Here you see how a box with a 4 pixel #0203B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0203B4; -webkit-box-shadow:4px 4px  
4px 4px #0203B4; box-shadow:4px 4px 4px  
4px #0203B4 }
```

Background

The CSS property to change the background color of an element to Hex 0203B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0203B4 }
```

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

```
.background{ background-color:#0203B4 }
```

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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