

Converting Colors

Hex(0014B4)

Have a look what the booklet for
Hex(0014B4) contains.

Hex(0014B4)	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(0014B4)

Conversions

Conversions Part 1

Format	Color
Hex	0014B4
RGB	0, 20, 180
RGB Percent	0%, 8%, 71%
CMY	1.0000, 0.9216, 0.2941
CMYK	1.00, 0.89, 0.00, 0.29
HSL	233°, 100%, 35%
HSV	233°, 100%, 71%
XYZ	8.4884, 3.7956, 43.4653
YIQ	32.2600, -63.2800, 45.5200

Conversions

Conversions Part 2

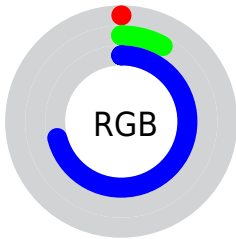
Format	Color
RYB	0, 18, 180
Decimal	5300
CIELab	22.98, 55.46, -80.05
CIELCh	23, 97.384, 304.715
Yxy	3.7956, 0.1523, 0.0681
Android (android.graphics.Color)	4278195380 (0xFF0014B4)
YUV	32.2600, 72.8358, -28.2920
Hunter-Lab	19.4823, 43.6779, -118.6391

Details

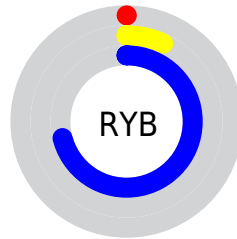
The Hex color **0014B4** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **B4A000**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **6246ED**, and **00007D** is the 20% darker color. If you saturate the color by 10%, you get **0014B4**, and if you desaturate by 10%, it is **1224B4**.

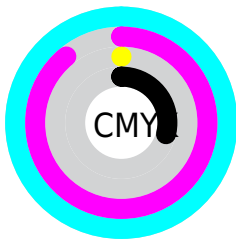
Distribution



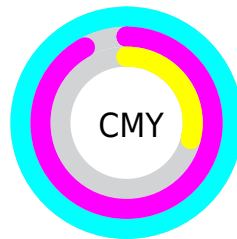
- Red (0%)
- Green (8%)
- Blue (71%)



- Red (0%)
- Yellow (7%)
- Blue (71%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (92%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0014B4 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 0014B4 by changing the saturation by 10% instead.

■ 0014B4

■ 0014B4

FFFFFF

■ 000098

■ 6246ED

■ 00007D

■ 825FFF

■ 000063

■ A179FF

■ 00094A

■ C094FF

■ 000433

■ DFAFFF

■ 00021D

■ FECBFF

■ 000000

■ FFE7FF

■ 0014B4

 1224B4

 2434B4

 3644B4

 4854B4

 5A64B4

 6C74B4

 7E84B4

 9094B4

 A2A4B4

Harmonies

Analogous

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



0043D0



0014B4



8D0077

Triad

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



0014B4



720B00



004C41

Complementary

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



0014B4



B4A000

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.



004A00



0014B4



3A3900

Square

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



0014B4



990000



004600



004E8B

Rectangle

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



0014B4



A40047



004600



004C27

Sweetspot

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



0014B4



A4ACEB



00B49F



4B5075



F5F5F5



757575

Same Dimension

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



0014B4



001AEB



4500B4



505159



001199



00031A

Inverse Universe

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



B40014



EB001A



6FB400



595051



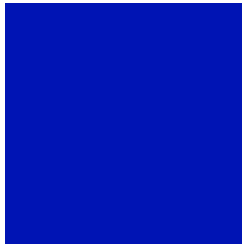
990011



1A0003

Previews

White Background



This preview shows how the Hex color 0014B4 looks on a white background.

Color Contrast Check

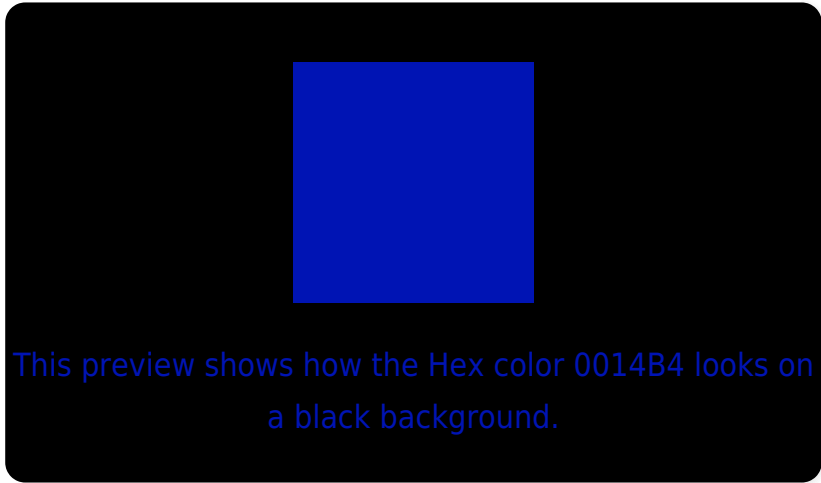
Large Text (above 18pt) WCAG AA ✓ Pass

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

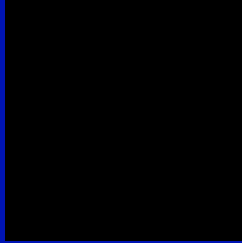
Any Text WCAG AA × Fail

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 0014B4 Background



This preview shows how black text looks on a background with the Hex color 0014B4.



This preview shows how white text looks on a background with the Hex color 0014B4.

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
0014B4

Protanopia
003672

Deuteranopia
003A61



Tritanopia
003F41

Trichromacy



Original Color
0014B4

Protanomaly
002A8A

Deuteranomaly
002C7F

Tritanomaly
002F6B

Monochromacy



Original Color
0014B4

Achromatopsia
202020

Achromatomaly
141C56

CSS Examples

Text

The CSS property to change the color of the text to Hex 0014B4 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 #0014B4 looks like.

```
.text, #text, p{  
    color:#0014B4  
}
```

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 #0014B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0014B4
}
```

Border

The CSS property to change the border of an element to Hex 0014B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

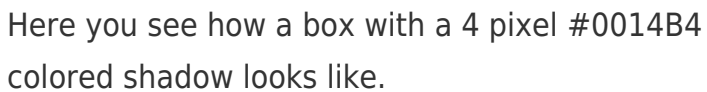
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0014B4 }
```

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

```
.border{ border-color:#0014B4 }
```

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



Here you see how a box with a 4 pixel #0014B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0014B4; -webkit-box-shadow:4px 4px  
4px 4px #0014B4; box-shadow:4px 4px 4px  
4px #0014B4 }
```

Background

The CSS property to change the background color of an element to Hex 0014B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0014B4 }
```

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

```
.background{ background-color:#0014B4 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor