

# Converting Colors

Hex(4014B0)

Have a look what the booklet for  
Hex(4014B0) contains.

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# Color

**Hex(4014B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4014B0
RGB	64, 20, 176
RGB Percent	25%, 8%, 69%
CMY	0.7490, 0.9216, 0.3098
CMYK	0.64, 0.89, 0.00, 0.31
HSL	257°, 80%, 38%
HSV	257°, 89%, 69%
XYZ	10.2010, 4.7249, 41.4486
YIQ	50.9400, -23.8520, 57.8440

# Conversions

## Conversions Part 2

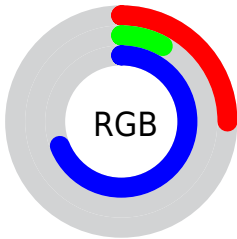
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	64, 20, 176
Decimal	4199600
CIE <sub>Lab</sub>	25.94, 56.85, -72.64
CIE <sub>LCh</sub>	26, 92.248, 308.048
Yxy	4.7249, 0.1810, 0.0838
Android (android.graphics.Color)	4282389680 (0xFF4014B0)
YUV	50.9400, 61.6546, 11.4536
Hunter-Lab	21.7368, 45.7298, -97.8408

# Details

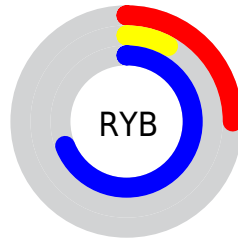
The Hex color **4014B0** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **84B014**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **7F4AE9**, and **00007A** is the 20% darker color. If you saturate the color by 10%, you get **3302B0**, and if you desaturate by 10%, it is **4D26B0**.

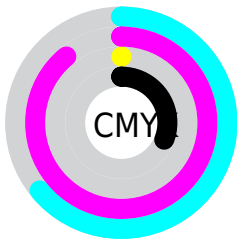
# Distribution



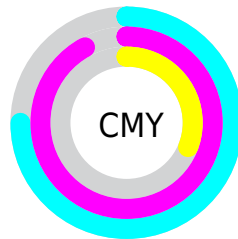
- Red (25%)
- Green (8%)
- Blue (69%)



- Red (25%)
- Yellow (8%)
- Blue (69%)



- Cyan (64%)
- Magenta (89%)
- Yellow (0%)
- Black (31%)



- Cyan (75%)
- Magenta (92%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4014B0 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 4014B0 by changing the saturation by 10% instead.



 4014B0

 4014B0

FFFFFF

 160095

 7F4AE9

 00007A

 9C64FF

 000060

 BA7EFF

 000847

 D899FF

 000430

 F7B4FF

 00011A

 FFD1FF

 000000

 FFEEFF

 4014B0

 4014B0

■ 3302B0

■ 4D26B0

■ 3200B0

■ 5937B0

■ 6649B0

■ 735AB0

■ 7F6CB0

■ 8C7EB0

■ 988FB0

■ A5A1B0

■ B2B2B0

# Harmonies

## Analogous

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



0045CF



4014B0



970074

# Triad

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



4014B0



742100



005350

# Complementary

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



4014B0



84B014

# 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.



005100



4014B0



3B4200

# Square

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



4014B0



9B0000



004D00



005595

# Rectangle

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



4014B0



A90046



004D00



005337



# Sweetspot

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



4014B0



B9A8E6



1486B0



584E73



F2F2F2



737373



# Same Dimension

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



4014B0



4100E6



8C14B0



535059



2B0099



07001A



# Inverse Universe

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



B01484



E600A5



38B014



595057



99006E

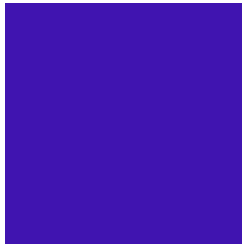


1A0012



# Previews

## White Background



This preview shows how the Hex color 4014B0 looks on a white background.

## Color Contrast Check

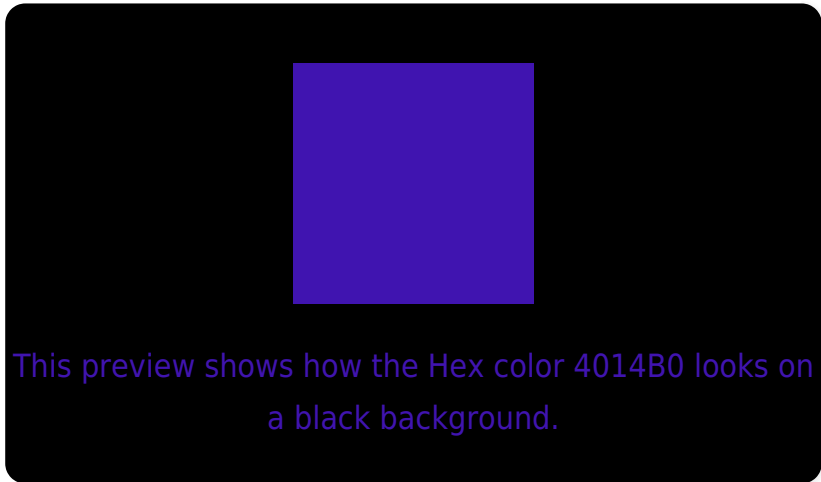
Large Text (above 18pt) WCAG AA ✓ Pass

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

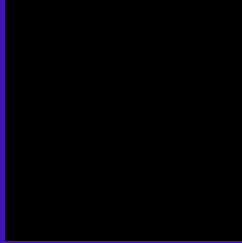
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4014B0 Background



This preview shows how black text looks on a background with the Hex color 4014B0.



This preview shows how white text looks on a background with the Hex color 4014B0.

# 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**  
4014B0

**Protanopia**  
003C7E

**Deuteranopia**  
00406C



**Tritanopia**  
00454A

# Trichromacy



**Original Color**  
4014B0

**Protanomaly**  
172D90

**Deuteranomaly**  
173085

**Tritanomaly**  
17336F

# Monochromacy



**Original Color**  
4014B0

**Achromatopsia**  
333333

**Achromatomaly**  
382860

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4014B0 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 #4014B0 looks like.

```
.text, #text, p{  
    color:#4014B0  
}
```

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 #4014B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4014B0
}
```

## Border

The CSS property to change the border of an element to Hex 4014B0 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
#4014B0 }
```

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

```
.border{ border-color:#4014B0 }
```

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

Here you see how a box with a 4 pixel #4014B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4014B0; -webkit-box-shadow:4px 4px  
4px 4px #4014B0; box-shadow:4px 4px 4px  
4px #4014B0 }
```

# Background

The CSS property to change the background color of an element to Hex 4014B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4014B0 }
```

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

```
.background{ background-color:#4014B0 }
```

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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