

Converting Colors

Hex(1000B9)

Have a look what the booklet for
Hex(1000B9) contains.

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Color

Hex(1000B9)

Conversions

Conversions Part 1

Format	Color
Hex	1000B9
RGB	16, 0, 185
RGB Percent	6%, 0%, 73%
CMY	0.9373, 1.0000, 0.2745
CMYK	0.91, 1.00, 0.00, 0.27
HSL	245°, 100%, 36%
HSV	245°, 100%, 73%
XYZ	8.9706, 3.6129, 46.1235
YIQ	25.8740, -49.8490, 60.9270

Conversions

Conversions Part 2

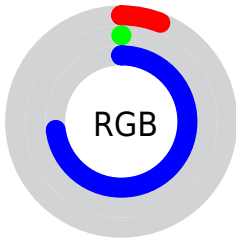
Format	Color
RYB	16, 0, 185
Decimal	1048761
CIELab	22.35, 62.35, -84.09
CIELCh	22, 104.684, 306.559
Yxy	3.6129, 0.1528, 0.0615
Android (android.graphics.Color)	4279238841 (0xFF1000B9)
YUV	25.8740, 78.4491, -8.6595
Hunter-Lab	19.0077, 50.9790, -130.5656

Details

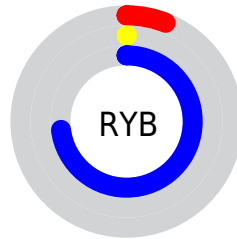
The Hex color **1000B9** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **A9B900**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **683DF3**, and **000082** is the 20% darker color. If you saturate the color by 10%, you get **1000B9**, and if you desaturate by 10%, it is **2112B9**.

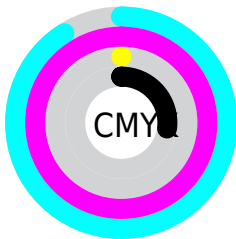
Distribution



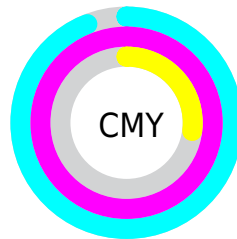
- Red (6%)
- Green (0%)
- Blue (73%)



- Red (6%)
- Yellow (0%)
- Blue (73%)



- Cyan (91%)
- Magenta (100%)
- Yellow (0%)
- Black (27%)



- Cyan (94%)
- Magenta (100%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1000B9 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 1000B9 by changing the saturation by 10% instead.

 1000B9

 1000B9

 FFFDFD

 00009D

 683DF3

 000082

 8857FF

 000068

 A871FF

 000A4E

 C78CFF

 000537

 E6A7FF

 000220

 FFC3FF

 000005

 FFE0FF

 000000

 1000B9

■ 2112B9

■ 3225B9

■ 4338B9

■ 544AB9

■ 655DB9

■ 756FB9

■ 8682B9

■ 9794B9

■ A8A7B9

Harmonies

Analogous

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



0042DA



1000B9



950076

Triad

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



1000B9



700800



004B46

Complementary

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



1000B9



A9B900

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



1000B9



333900

Square

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



1000B9



9B0000



004500



004E94

Rectangle

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



1000B9



AA0043



004500



004A2A

Sweetspot

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



1000B9



AEA8F0



00AAB9



504D78



F7F7F7



787878

Same Dimension

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



1000B9



1500F0



6C00B9



53535C



0D009C



02001C

Inverse Universe

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



B900A9



F000DB



4DB900



5C535B



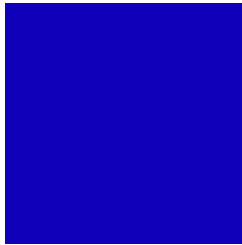
9C008E



1C001A

Previews

White Background



This preview shows how the Hex color 1000B9 looks on a white background.

Color Contrast Check

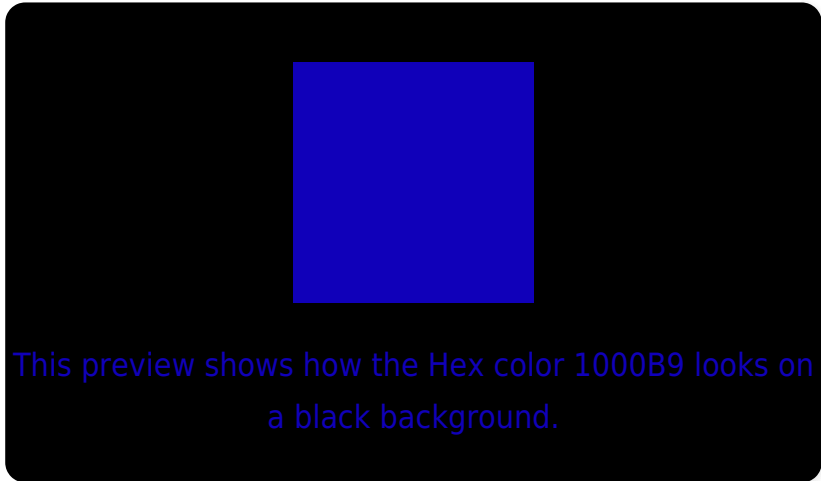
Large Text (above 18pt) WCAG AA ✓ Pass

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

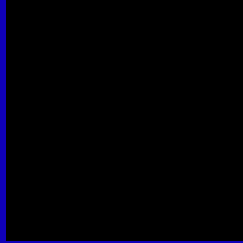
Any Text WCAG AA × Fail

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 1000B9 Background



This preview shows how black text looks on a background with the Hex color 1000B9.



This preview shows how white text looks on a background with the Hex color 1000B9.

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
1000B9

Protanopia
003672

Deuteranopia
003A61



Tritanopia
003F41

Trichromacy



Original Color
1000B9

Protanomaly
06228C

Deuteranomaly
062581

Tritanomaly
06286D

Monochromacy



Original Color
1000B9

Achromatopsia
1A1A1A

Achromatomaly
161154

CSS Examples

Text

The CSS property to change the color of the text to Hex 1000B9 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 #1000B9 looks like.

```
.text, #text, p{  
    color:#1000B9  
}
```

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 #1000B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1000B9
}
```

Border

The CSS property to change the border of an element to Hex 1000B9 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
#1000B9 }
```

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

```
.border{ border-color:#1000B9 }
```

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

Here you see how a box with a 4 pixel #1000B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1000B9; -webkit-box-shadow:4px 4px  
4px 4px #1000B9; box-shadow:4px 4px 4px  
4px #1000B9 }
```

Background

The CSS property to change the background color of an element to Hex 1000B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1000B9 }
```

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

```
.background{ background-color:#1000B9 }
```

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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