

Converting Colors

Hex(1000C5)

Have a look what the booklet for
Hex(1000C5) contains.

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Color

Hex(1000C5)

Conversions

Conversions Part 1

Format	Color
Hex	1000C5
RGB	16, 0, 197
RGB Percent	6%, 0%, 77%
CMY	0.9373, 1.0000, 0.2275
CMYK	0.92, 1.00, 0.00, 0.23
HSL	245°, 100%, 39%
HSV	245°, 100%, 77%
XYZ	10.2917, 4.1414, 53.0803
YIQ	27.2420, -53.7010, 64.6590

Conversions

Conversions Part 2

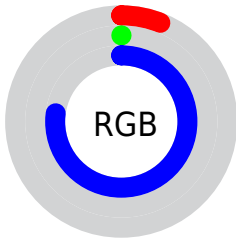
Format	Color
RYB	16, 0, 197
Decimal	1048773
CIELab	24.13, 65.33, -88.21
CIELCh	24, 109.767, 306.523
Yxy	4.1414, 0.1524, 0.0613
Android (android.graphics.Color)	4279238853 (0xFF1000C5)
YUV	27.2420, 83.6907, -9.8592
Hunter-Lab	20.3504, 54.6591, -140.4019

Details

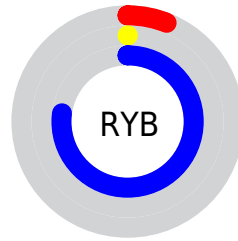
The Hex color **1000C5** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **B5C500**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6C3FFF**, and **00008D** is the 20% darker color. If you saturate the color by 10%, you get **1000C5**, and if you desaturate by 10%, it is **2214C5**.

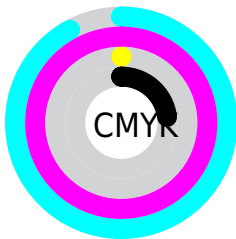
Distribution



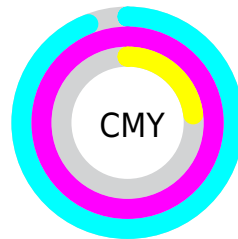
- Red (6%)
- Green (0%)
- Blue (77%)



- Red (6%)
- Yellow (0%)
- Blue (77%)



- Cyan (92%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (94%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1000C5 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 1000C5 by changing the saturation by 10% instead.

 1000C5

 1000C5

FFFFFF

 0000A9

 6C3FFF

 00008D

 8C59FF

 000073

 AC74FF

 000D59

 CC8FFF

 000740

 EBAAFF

 000329

 FFC6FF

 000113

 FFE3FF

 000000

 1000C5

 2214C5

 3427C5

 463BC5

 584FC5

 6B63C5

 7D76C5

 8F8AC5

 A19EC5

 B3B1C5

Harmonies

Analogous

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



0047E8



1000C5



9E007E

Triad

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



1000C5



780900



00504B

Complementary

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



1000C5



B5C500

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.



004E00



1000C5



373D00

Square

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



1000C5



A50000



004A00



00549E

Rectangle

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



1000C5



B50047



004A00



004F2D

Sweetspot

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



1000C5



B9B3FF



00B8C5



555280



000000



808080

Same Dimension

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



1000C5



1500FF



7000C5



5A5A63



0D00A3



030024

Inverse Universe

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



C500B5



FF00EA



55C500



635A63



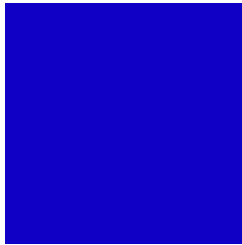
A30096



240021

Previews

White Background



This preview shows how the Hex color 1000C5 looks on a white background.

Color Contrast Check

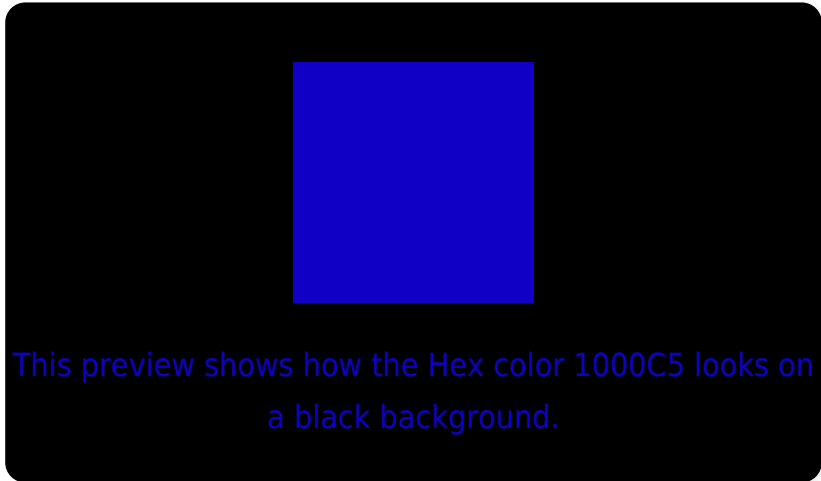
Large Text (above 18pt) WCAG AA ✓ Pass

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

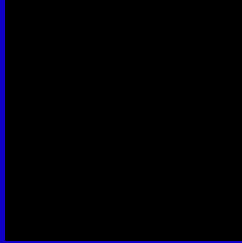
Any Text WCAG AA × Fail

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 1000C5 Background



This preview shows how black text looks on a background with the Hex color 1000C5.



This preview shows how white text looks on a background with the Hex color 1000C5.

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
1000C5

Protanopia
003A79

Deuteranopia
003E67

Trichromacy



Original Color
1000C5

Protanomaly
062595

Deuteranomaly
062789

Tritanomaly
062B74

Monochromacy



Original Color
1000C5

Achromatopsia
1B1B1B

Achromatomaly
171159

CSS Examples

Text

The CSS property to change the color of the text to Hex 1000C5 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 #1000C5 looks like.

```
.text, #text, p{  
    color:#1000C5  
}
```

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 #1000C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1000C5
}
```

Border

The CSS property to change the border of an element to Hex 1000C5 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
#1000C5 }
```

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

```
.border{ border-color:#1000C5 }
```

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

Here you see how a box with a 4 pixel #1000C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1000C5; -webkit-box-shadow:4px 4px  
4px 4px #1000C5; box-shadow:4px 4px 4px  
4px #1000C5 }
```

Background

The CSS property to change the background color of an element to Hex 1000C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1000C5 }
```

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

```
.background{ background-color:#1000C5 }
```

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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