

Converting Colors

Hex(1100CA)

Have a look what the booklet for
Hex(1100CA) contains.

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Color

Hex(1100CA)

Conversions

Conversions Part 1

Format	Color
Hex	1100CA
RGB	17, 0, 202
RGB Percent	7%, 0%, 79%
CMY	0.9333, 1.0000, 0.2078
CMYK	0.92, 1.00, 0.00, 0.21
HSL	245°, 100%, 40%
HSV	245°, 100%, 79%
XYZ	10.8918, 4.3834, 56.1491
YIQ	28.1110, -54.7100, 66.4260

Conversions

Conversions Part 2

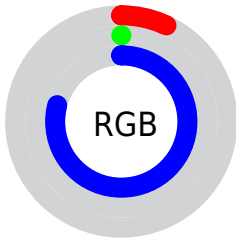
Format	Color
RYB	17, 0, 202
Decimal	1114314
CIELab	24.90, 66.57, -89.86
CIELCh	25, 111.833, 306.528
Yxy	4.3834, 0.1525, 0.0614
Android (android.graphics.Color)	4279304394 (0xFF1100CA)
YUV	28.1110, 85.7273, -9.7443
Hunter-Lab	20.9367, 56.2215, -144.3516

Details

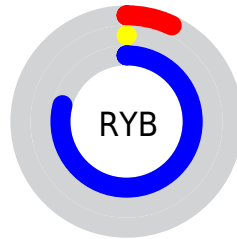
The Hex color **1100CA** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **B9CA00**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **6D40FF**, and **000092** is the 20% darker color. If you saturate the color by 10%, you get **1100CA**, and if you desaturate by 10%, it is **2314CA**.

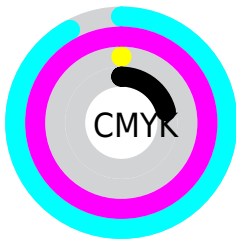
Distribution



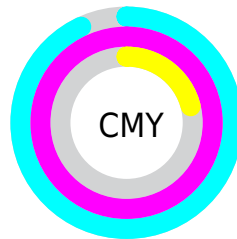
- Red (7%)
- Green (0%)
- Blue (79%)



- Red (7%)
- Yellow (0%)
- Blue (79%)



- Cyan (92%)
- Magenta (100%)
- Yellow (0%)
- Black (21%)



- Cyan (93%)
- Magenta (100%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1100CA 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 1100CA by changing the saturation by 10% instead.

 1100CA

 1100CA

FFFFFF

 0000AE

 6D40FF

 000092

 8E5AFF

 000077

 AE75FF

 000D5D

 CE90FF

 000845

 EDABFF


 00032D

 FFC8FF

 000118

 FFE4FF

 000000

 1100CA

 2314CA

 3628CA

 483DCA

 5B51CA

 6D65CA

 8079CA

 938DCA

 A5A2CA

 B8B6CA

Harmonies

Analogous

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



0049EE



1100CA



A20081

Triad

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



1100CA



7B0900



00534D

Complementary

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



1100CA



B9CA00

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.



005000



1100CA



393F00

Square

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



1100CA



A90000



004C00



0056A2

Rectangle

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



1100CA



BA004A



004C00



00522F

Sweetspot

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



1100CA



B9B3FF



00B9CA



555280



000000



808080

Same Dimension

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



1100CA



1500FF



7600CA



5D5C66



0E00A6



030026

Inverse Universe

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



CA00B9



FF00EA



54CA00



665C65



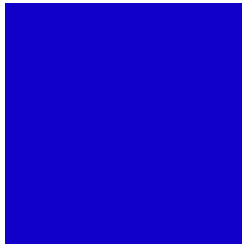
A60098



260023

Previews

White Background



This preview shows how the Hex color 1100CA looks on a white background.

Color Contrast Check

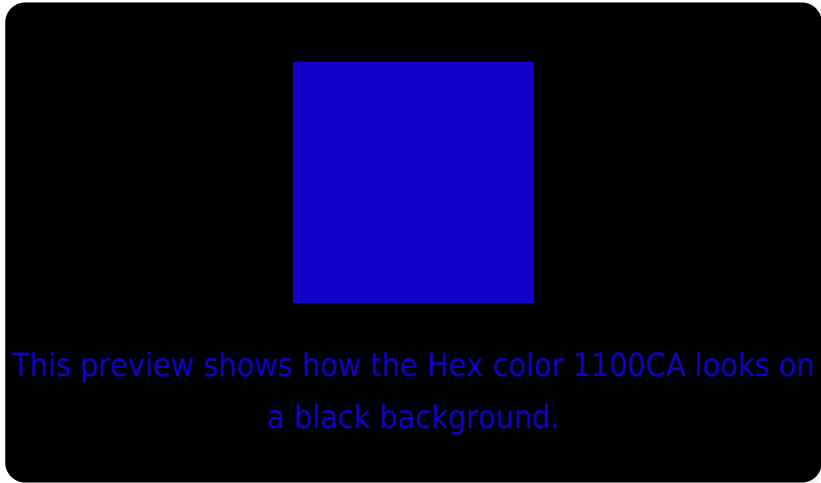
Large Text (above 18pt) WCAG AA ✓ Pass

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

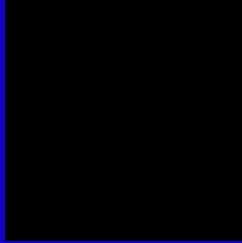
Any Text WCAG AA × Fail

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 1100CA Background



This preview shows how black text looks on a background with the Hex color 1100CA.



This preview shows how white text looks on a background with the Hex color 1100CA.

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
1100CA

Protanopia
003B7C

Deuteranopia
003F69



Tritanopia
004447

Trichromacy



Original Color
1100CA

Protanomaly
062698

Deuteranomaly
06288C

Tritanomaly
062B77

Monochromacy



Original Color
1100CA

Achromatopsia
1C1C1C

Achromatomaly
18125B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1100CA 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 #1100CA looks like.

```
.text, #text, p{  
    color:#1100CA  
}
```

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 #1100CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1100CA
}
```

Border

The CSS property to change the border of an element to Hex 1100CA 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
#1100CA }
```

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

```
.border{ border-color:#1100CA }
```

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

Here you see how a box with a 4 pixel #1100CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1100CA; -webkit-box-shadow:4px 4px  
4px 4px #1100CA; box-shadow:4px 4px 4px  
4px #1100CA }
```

Background

The CSS property to change the background color of an element to Hex 1100CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1100CA }
```

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

```
.background{ background-color:#1100CA }
```

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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