

Converting Colors

Hex(0119CB)

Have a look what the booklet for
Hex(0119CB) contains.

Hex(0119CB)	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(0119CB)

Conversions

Conversions Part 1

Format	Color
Hex	0119CB
RGB	1, 25, 203
RGB Percent	0%, 10%, 80%
CMY	0.9961, 0.9020, 0.2039
CMYK	1.00, 0.88, 0.00, 0.20
HSL	233°, 99%, 40%
HSV	233°, 100%, 80%
XYZ	11.1396, 5.0135, 56.8805
YIQ	38.1160, -71.4420, 50.2700

Conversions

Conversions Part 2

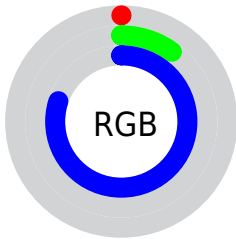
Format	Color
R_{YB}	1, 22, 203
Decimal	72139
CIE _{Lab}	26.77, 60.32, -87.33
CIE _{LCh}	27, 106.137, 304.634
Yxy	5.0135, 0.1525, 0.0686
Android (android.graphics.Color)	4278262219 (0xFF0119CB)
YUV	38.1160, 81.2878, -32.5507
Hunter-Lab	22.3909, 49.6212, -134.9433

Details

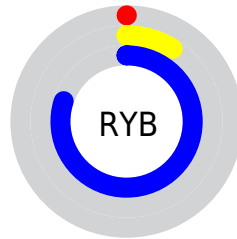
The Hex color **0119CB** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **CBB301**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **694CFF**, and **000093** is the 20% darker color. If you saturate the color by 10%, you get **0018CB**, and if you desaturate by 10%, it is **152BCB**.

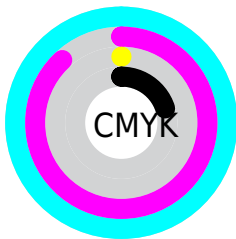
Distribution



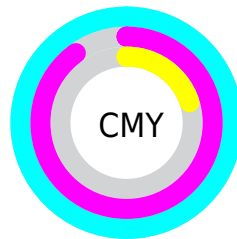
- Red (0%)
- Green (10%)
- Blue (80%)



- Red (0%)
- Yellow (9%)
- Blue (80%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (90%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0119CB 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 0119CB by changing the saturation by 10% instead.

■ 0119CB

■ 0119CB

FFFFFF

■ 0000AF

■ 694CFF

■ 000093

■ 8A66FF

■ 000078

■ AA80FF

■ 000C5E

■ CA9BFF

■ 000845

■ E9B6FF

■ 00042E

■ FFD3FF

■ 000119

■ FFEFFF

■ 000000

■ 0119CB

■ 0119CB

■ 0018CB

■ 152BCB

■ 2A3DCB

■ 3E4FCB

■ 5261CB

■ 6672CB

■ 7B84CB

■ 8F96CB

■ A3A8CB

■ B8BACB

Harmonies

Analogous

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



004DEA



0119CB



A00087

Triad

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



0119CB



820F00



00574B

Complementary

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



0119CB



CBB301

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.



005400



0119CB



434200

Square

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



0119CB



AD0000



005000



00599D

Rectangle

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



0119CB



B90052



005000



00562E

Sweetspot

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



0119CB



B3BCFF



01CBB0



525780



000000



808080

Same Dimension

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



0119CB



001EFF



4B01CB



5C5D66



0014A6



000526

Inverse Universe

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



CB0119



FF001E



81CB01



665C5D



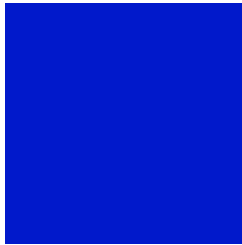
A60014



260005

Previews

White Background



This preview shows how the Hex color 0119CB looks on a white background.

Color Contrast Check

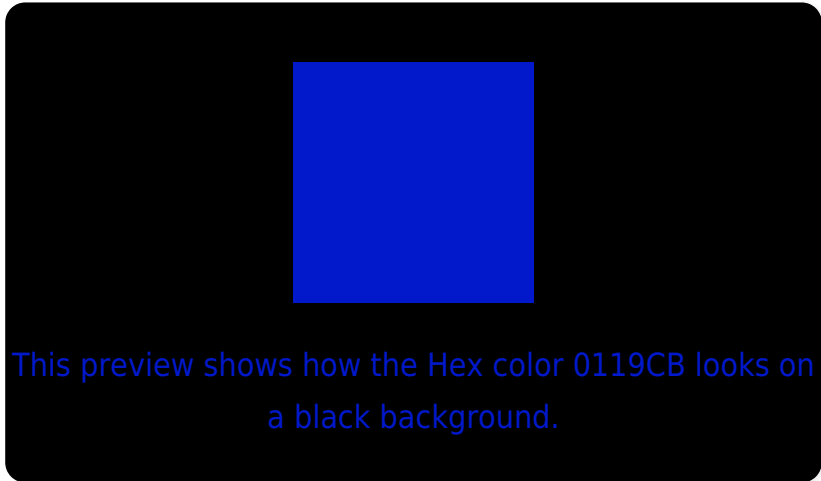
Large Text (above 18pt) WCAG AA ✓ Pass

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

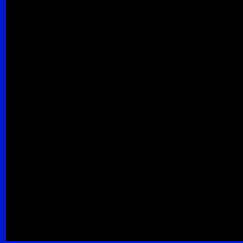
Any Text WCAG AA × Fail

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 0119CB Background



This preview shows how black text looks on a background with the Hex color 0119CB.



This preview shows how white text looks on a background with the Hex color 0119CB.

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
0119CB

Protanopia
003E82

Deuteranopia
00426E



Tritanopia
00474A

Trichromacy



Original Color
0119CB

Protanomaly
00319D

Deuteranomaly
003390

Tritanomaly
003679

Monochromacy



Original Color
0119CB

Achromatopsia
262626

Achromatomaly
192162

CSS Examples

Text

The CSS property to change the color of the text to Hex 0119CB 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 #0119CB looks like.

```
.text, #text, p{  
    color:#0119CB  
}
```

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 #0119CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0119CB
}
```

Border

The CSS property to change the border of an element to Hex 0119CB 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
#0119CB }
```

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

```
.border{ border-color:#0119CB }
```

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

Here you see how a box with a 4 pixel #0119CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0119CB; -webkit-box-shadow:4px 4px  
4px 4px #0119CB; box-shadow:4px 4px 4px  
4px #0119CB }
```

Background

The CSS property to change the background color of an element to Hex 0119CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0119CB }
```

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

```
.background{ background-color:#0119CB }
```

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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