

Converting Colors

Hex(1B0DC5)

Have a look what the booklet for
Hex(1B0DC5) contains.

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Color

Hex(1B0DC5)

Conversions

Conversions Part 1

Format	Color
Hex	1B0DC5
RGB	27, 13, 197
RGB Percent	11%, 5%, 77%
CMY	0.8941, 0.9490, 0.2275
CMYK	0.86, 0.93, 0.00, 0.23
HSL	245°, 88%, 41%
HSV	245°, 93%, 77%
XYZ	10.6740, 4.5521, 53.1394
YIQ	38.1620, -50.7200, 60.1920

Conversions

Conversions Part 2

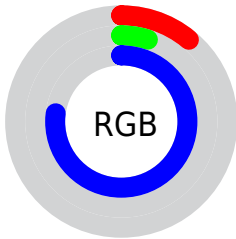
Format	Color
RYB	27, 13, 197
Decimal	1772997
CIELab	25.42, 62.70, -86.05
CIELCh	25, 106.474, 306.079
Yxy	4.5521, 0.1561, 0.0666
Android (android.graphics.Color)	4279963077 (0xFF1B0DC5)
YUV	38.1620, 78.3071, -9.7891
Hunter-Lab	21.3356, 51.9643, -132.7354

Details

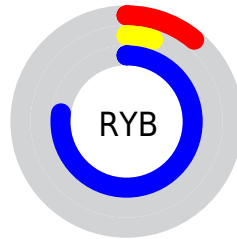
The Hex color **1B0DC5** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B7C50D**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6E45FF**, and **00008D** is the 20% darker color. If you saturate the color by 10%, you get **0F00C5**, and if you desaturate by 10%, it is **2D21C5**.

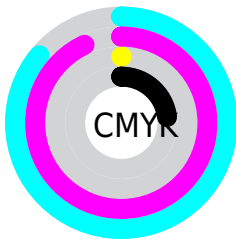
Distribution



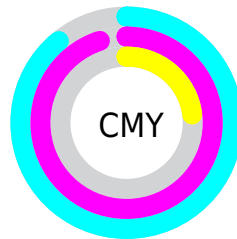
- Red (11%)
- Green (5%)
- Blue (77%)



- Red (11%)
- Yellow (5%)
- Blue (77%)



- Cyan (86%)
- Magenta (93%)
- Yellow (0%)
- Black (23%)



- Cyan (89%)
- Magenta (95%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B0DC5 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 1B0DC5 by changing the saturation by 10% instead.

■ 1B0DC5

■ 1B0DC5

FFFFFF

■ 0000A9

■ 6E45FF

■ 00008D

■ 8F5FFF

■ 000073

■ AE79FF

■ 000D59

■ CD94FF

■ 000740

■ EDB0FF

■ 00032A

■ FFCCFF

■ 000114

■ FFE9FF

■ 000000

■ 1B0DC5

■ 1B0DC5

0F00C5

2D21C5

3F34C5

5248C5

645CC5

7670C5

8883C5

9A97C5

ADABC5

BFBEC5

Harmonies

Analogous

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



0049E7



1B0DC5



9F0080

Triad

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



1B0DC5



7B1000



00544C

Complementary

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



1B0DC5



B7C50D

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



1B0DC5



3C4000

Square

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



1B0DC5



A70000



004D00



00569D

Rectangle

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



1B0DC5



B6004B



004D00



00532F

Sweetspot

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



1B0DC5



BDB8FF



0DB9C5



575480



000000



808080

Same Dimension

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



1B0DC5



1300FF



750DC5



5A5A63



0C00A3



030024

Inverse Universe

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



C50DB7



FF00EC



5DC50D



635A63



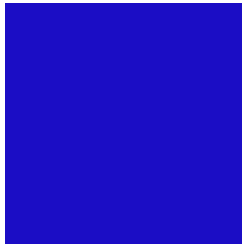
A30097



240021

Previews

White Background



This preview shows how the Hex color 1B0DC5 looks on a white background.

Color Contrast Check

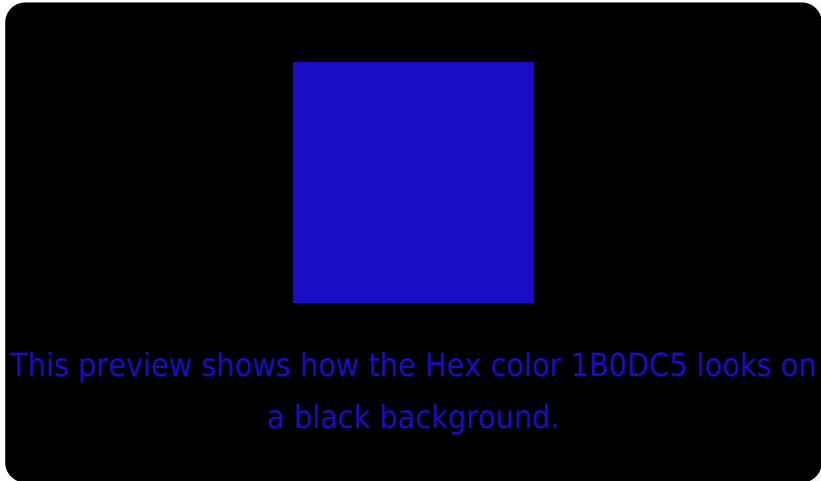
Large Text (above 18pt) WCAG AA ✓ Pass

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

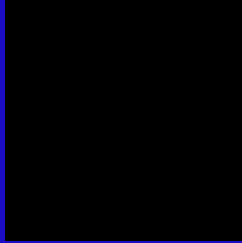
Any Text WCAG AA × Fail

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 1B0DC5 Background



This preview shows how black text looks on a background with the Hex color 1B0DC5.



This preview shows how white text looks on a background with the Hex color 1B0DC5.

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
1B0DC5

Protanopia
003B7C

Deuteranopia
003F69

Trichromacy



Original Color
1B0DC5

Protanomaly
0A2A97

Deuteranomaly
0A2D8A

Tritanomaly
0A3075

Monochromacy



Original Color
1B0DC5

Achromatopsia
262626

Achromatomaly
221D60

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B0DC5 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 #1B0DC5 looks like.

```
.text, #text, p{  
    color:#1B0DC5  
}
```

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 #1B0DC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B0DC5
}
```

Border

The CSS property to change the border of an element to Hex 1B0DC5 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
#1B0DC5 }
```

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

```
.border{ border-color:#1B0DC5 }
```

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

Here you see how a box with a 4 pixel #1B0DC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B0DC5; -webkit-box-shadow:4px 4px  
4px 4px #1B0DC5; box-shadow:4px 4px 4px  
4px #1B0DC5 }
```

Background

The CSS property to change the background color of an element to Hex 1B0DC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B0DC5 }
```

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

```
.background{ background-color:#1B0DC5 }
```

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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