

Converting Colors

Hex(1700DB)

Have a look what the booklet for
Hex(1700DB) contains.

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Color

Hex(1700DB)

Conversions

Conversions Part 1

Format	Color
Hex	1700DB
RGB	23, 0, 219
RGB Percent	9%, 0%, 86%
CMY	0.9098, 1.0000, 0.1412
CMYK	0.89, 1.00, 0.00, 0.14
HSL	246°, 100%, 43%
HSV	246°, 100%, 86%
XYZ	13.1395, 5.2966, 67.3477
YIQ	31.8430, -56.5910, 72.9850

Conversions

Conversions Part 2

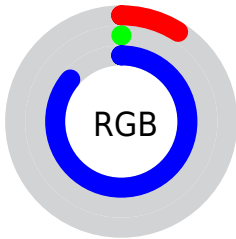
Format	Color
RYB	23, 0, 219
Decimal	1507547
CIELab	27.56, 70.76, -95.30
CIELCh	28, 118.694, 306.595
Yxy	5.2966, 0.1532, 0.0617
Android (android.graphics.Color)	4279697627 (0xFF1700DB)
YUV	31.8430, 92.2684, -7.7553
Hunter-Lab	23.0144, 61.6351, -157.3917

Details

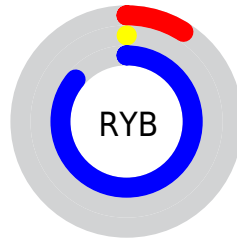
The Hex color **1700DB** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **C4DB00**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **7343FF**, and **0000A2** is the 20% darker color. If you saturate the color by 10%, you get **1700DB**, and if you desaturate by 10%, it is **2B16DB**.

Distribution



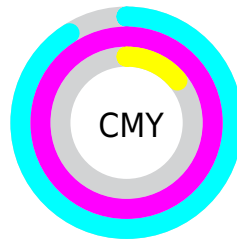
- Red (9%)
- Green (0%)
- Blue (86%)



- Red (9%)
- Yellow (0%)
- Blue (86%)



- Cyan (89%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)



- Cyan (91%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1700DB 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 1700DB by changing the saturation by 10% instead.

 1700DB

 1700DB


FFFFFF

 0000BE

 7343FF

 0000A2

 955DFF

 000087

 B678FF

 00066C

 D694FF

 000B53

 F6B0FF

 00063B

 FFCCFF

 000224

 FFE9FF

 00000C

 000000

 1700DB

 2B16DB

 3E2CDB

 5242DB

 6558DB

 796EDB

 8D83DB

 A099DB

 B4AFDB

 C7C5DB

Harmonies

Analogous

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



0050FF



1700DB



B1008C

Triad

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



1700DB



860C00



005A54

Complementary

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



1700DB



C4DB00

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.



005800



1700DB



3E4600

Square

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



1700DB



B80000



005300



005EB0

Rectangle

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



1700DB



CA0050



005300



005934

Sweetspot

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



1700DB



BBB3FF



00C5DB



565280



000000



808080

Same Dimension

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



1700DB



1B00FF



8300DB



64636E



1200AD



05002E

Inverse Universe

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



DB00C4



FF00E4



58DB00



6E636C



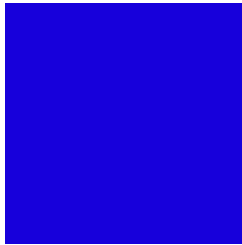
AD009B



2E0029

Previews

White Background



This preview shows how the Hex color 1700DB looks on a white background.

Color Contrast Check

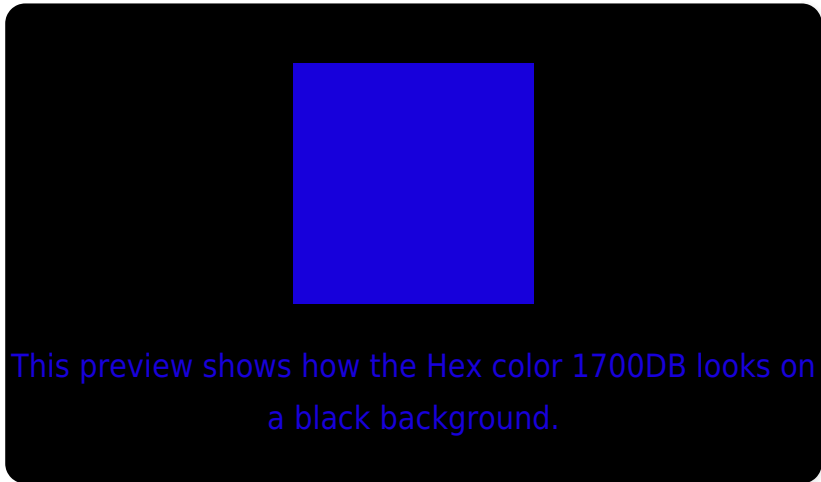
Large Text (above 18pt) WCAG AA ✓ Pass

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 1700DB Background



This preview shows how black text looks on a background with the Hex color 1700DB.



This preview shows how white text looks on a background with the Hex color 1700DB.

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
1700DB

Protanopia
004187

Deuteranopia
004573



Tritanopia
004A4E

Trichromacy



Original Color
1700DB

Protanomaly
0829A6

Deuteranomaly
082C99

Tritanomaly
082F81

Monochromacy



Original Color
1700DB

Achromatopsia
202020

Achromatomaly
1D1464

CSS Examples

Text

The CSS property to change the color of the text to Hex 1700DB 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 #1700DB looks like.

```
.text, #text, p{  
    color:#1700DB  
}
```

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 #1700DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1700DB
}
```

Border

The CSS property to change the border of an element to Hex 1700DB 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
#1700DB }
```

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

```
.border{ border-color:#1700DB }
```

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

Here you see how a box with a 4 pixel #1700DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1700DB; -webkit-box-shadow:4px 4px  
4px 4px #1700DB; box-shadow:4px 4px 4px  
4px #1700DB }
```

Background

The CSS property to change the background color of an element to Hex 1700DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1700DB }
```

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

```
.background{ background-color:#1700DB }
```

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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