

Converting Colors

Hex(1D07D0)

Have a look what the booklet for
Hex(1D07D0) contains.

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Color

Hex(1D07D0)

Conversions

Conversions Part 1

Format	Color
Hex	1D07D0
RGB	29, 7, 208
RGB Percent	11%, 3%, 82%
CMY	0.8863, 0.9725, 0.1843
CMYK	0.86, 0.97, 0.00, 0.18
HSL	247°, 93%, 42%
HSV	247°, 97%, 82%
XYZ	11.9678, 4.9672, 60.0025
YIQ	36.4920, -51.4090, 67.1750

Conversions

Conversions Part 2

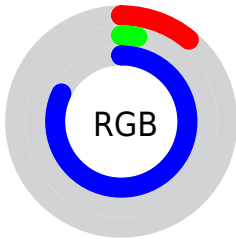
Format	Color
RYB	29, 7, 208
Decimal	1902544
CIELab	26.64, 66.81, -90.45
CIELCh	27, 112.450, 306.451
Yxy	4.9672, 0.1556, 0.0646
Android (android.graphics.Color)	4280092624 (0xFF1D07D0)
YUV	36.4920, 84.5534, -6.5705
Hunter-Lab	22.2873, 56.8482, -144.0212

Details

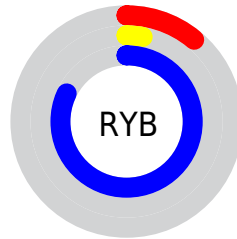
The Hex color **1D07D0** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **BAD007**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **7244FF**, and **000098** is the 20% darker color. If you saturate the color by 10%, you get **1700D0**, and if you desaturate by 10%, it is **301CD0**.

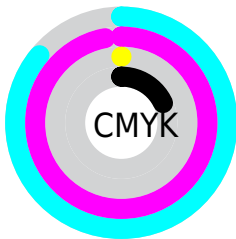
Distribution



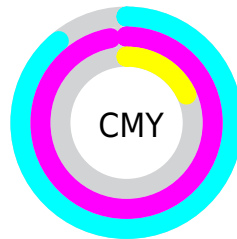
- Red (11%)
- Green (3%)
- Blue (82%)



- Red (11%)
- Yellow (3%)
- Blue (82%)



- Cyan (86%)
- Magenta (97%)
- Yellow (0%)
- Black (18%)



- Cyan (89%)
- Magenta (97%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D07D0 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 1D07D0 by changing the saturation by 10% instead.

■ 1D07D0

■ 1D07D0

FFFFFF

■ 0000B4

■ 7244FF

■ 000098

■ 935FFF

■ 00007D

■ B379FF

■ 000963

■ D394FF

■ 00094A

■ F2B0FF

■ 000432

■ FFCCFF

■ 00021C

■ FFE9FF

■ 000000

■ 1D07D0

■ 1D07D0

■ 1700D0

■ 301CD0

■ 4231D0

■ 5545D0

■ 675AD0

■ 7A6FD0

■ 8C84D0

■ 9F99D0

■ B1ADD0

■ C4C2D0

Harmonies

Analogous

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



004DF4



1D07D0



A80086

Triad

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



1D07D0



811000



005751

Complementary

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



1D07D0



BAD007

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.



005500



1D07D0



3D4300

Square

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



1D07D0



B00000



005100



005AA7

Rectangle

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



1D07D0



C0004E



005100



005732

Sweetspot

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



1D07D0



BDB5FF



07BCD0



585380



000000



808080

Same Dimension

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



1D07D0



1C00FF



8007D0



5F5E69



1200A8



040029

Inverse Universe

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



D007BA



FF00E3



57D007



695E67



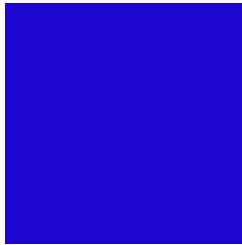
A80096



290024

Previews

White Background



This preview shows how the Hex color 1D07D0 looks on a white background.

Color Contrast Check

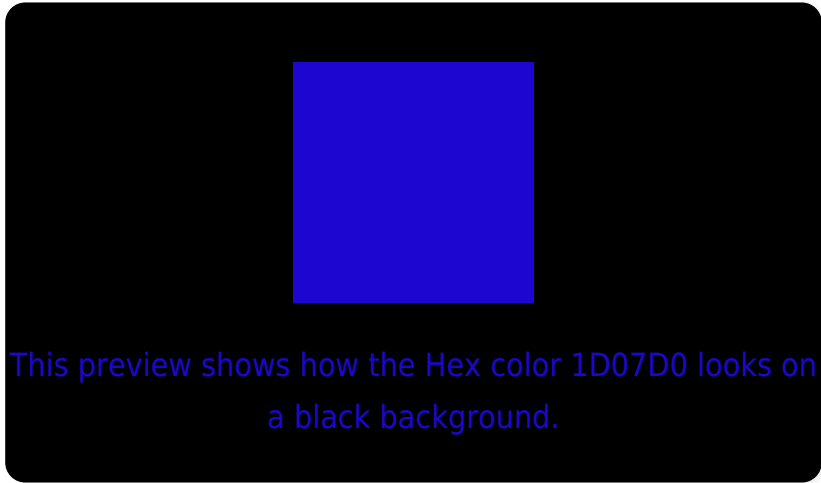
Large Text (above 18pt) WCAG AA ✓ Pass

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

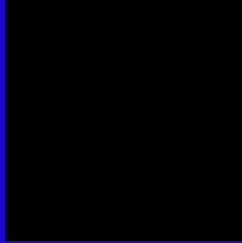
Any Text WCAG AA × Fail

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 1D07D0 Background



This preview shows how black text looks on a background with the Hex color 1D07D0.



This preview shows how white text looks on a background with the Hex color 1D07D0.

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
1D07D0

Protanopia
003E82

Deuteranopia
00426E



Tritanopia
00474B

Trichromacy



Original Color
1D07D0

Protanomaly
0B2A9E

Deuteranomaly
0B2D92

Tritanomaly
0B307B

Monochromacy



Original Color
1D07D0

Achromatopsia
242424

Achromatomaly
211963

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D07D0 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 #1D07D0 looks like.

```
.text, #text, p{  
    color:#1D07D0  
}
```

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 #1D07D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D07D0
}
```

Border

The CSS property to change the border of an element to Hex 1D07D0 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
#1D07D0 }
```

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

```
.border{ border-color:#1D07D0 }
```

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

Here you see how a box with a 4 pixel #1D07D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D07D0; -webkit-box-shadow:4px 4px  
4px 4px #1D07D0; box-shadow:4px 4px 4px  
4px #1D07D0 }
```

Background

The CSS property to change the background color of an element to Hex 1D07D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D07D0 }
```

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

```
.background{ background-color:#1D07D0 }
```

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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