

Converting Colors

Hex(1800D0)

Have a look what the booklet for
Hex(1800D0) contains.

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Color

Hex(1800D0)

Conversions

Conversions Part 1

Format	Color
Hex	1800D0
RGB	24, 0, 208
RGB Percent	9%, 0%, 82%
CMY	0.9059, 1.0000, 0.1843
CMYK	0.88, 1.00, 0.00, 0.18
HSL	247°, 100%, 41%
HSV	247°, 100%, 82%
XYZ	11.7619, 4.7483, 59.9711
YIQ	30.8880, -52.4640, 69.7760

Conversions

Conversions Part 2

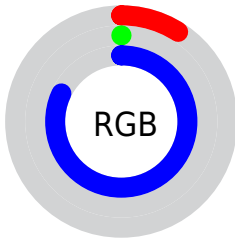
Format	Color
RYB	24, 0, 208
Decimal	1573072
CIELab	26.01, 68.11, -91.52
CIELCh	26, 114.080, 306.655
Yxy	4.7483, 0.1538, 0.0621
Android (android.graphics.Color)	4279763152 (0xFF1800D0)
YUV	30.8880, 87.3162, -6.0408
Hunter-Lab	21.7905, 58.2156, -147.9227

Details

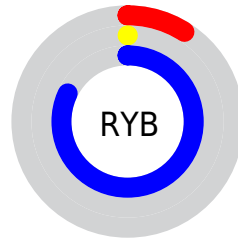
The Hex color **1800D0** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **B8D000**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **7141FF**, and **000098** is the 20% darker color. If you saturate the color by 10%, you get **1800D0**, and if you desaturate by 10%, it is **2A15D0**.

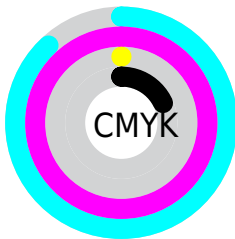
Distribution



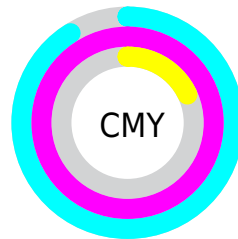
- Red (9%)
- Green (0%)
- Blue (82%)



- Red (9%)
- Yellow (0%)
- Blue (82%)



- Cyan (88%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)



- Cyan (91%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1800D0 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 1800D0 by changing the saturation by 10% instead.

 1800D0

 1800D0

FFFFFF

 0000B4

 7141FF

 000098

 925CFF

 00007D

 B276FF

 000A62

 D291FF

 00094A

 F1ADFF

 000432

 FFC9FF

 00021C

 FFE6FF

 000000

 1800D0

 2A15D0

 3D2AD0

 4F3ED0

 6253D0

 7468D0

 867DD0

 9992D0

 ABA6D0

 BEBBD0

Harmonies

Analogous

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



004BF5



1800D0



A80085

Triad

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



1800D0



7F0C00



005650

Complementary

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



1800D0



B8D000

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.



005300



1800D0



3B4200

Square

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



1800D0



AF0000



004F00



0059A8

Rectangle

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



1800D0



C0004C



004F00



005531

Sweetspot

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



1800D0



BBB3FF



00BBD0



575280



000000



808080

Same Dimension

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



1800D0



1D00FF



7D00D0



5F5E69



1300A8



050029

Inverse Universe

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



D000B8



FF00E2



53D000



695E67



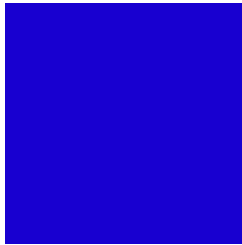
A80095



290024

Previews

White Background



This preview shows how the Hex color 1800D0 looks on a white background.

Color Contrast Check

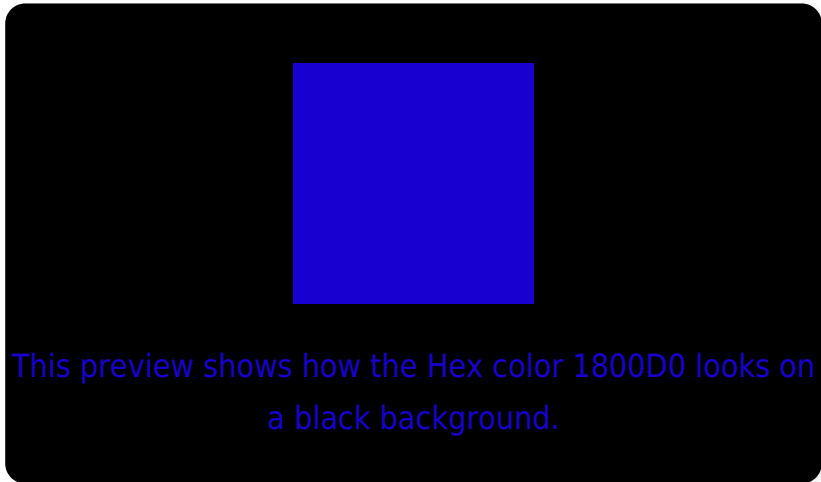
Large Text (above 18pt) WCAG AA ✓ Pass

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

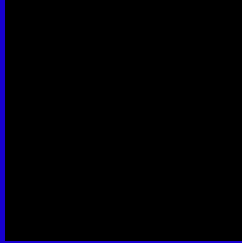
Any Text WCAG AA × Fail

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 1800D0 Background



This preview shows how black text looks on a background with the Hex color 1800D0.



This preview shows how white text looks on a background with the Hex color 1800D0.

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
1800D0

Protanopia
003D81

Deuteranopia
00426D



Tritanopia
00474A

Trichromacy



Original Color
1800D0

Protanomaly
09279E

Deuteranomaly
092A91

Tritanomaly
092D7B

Monochromacy



Original Color
1800D0

Achromatopsia
1F1F1F

Achromatomaly
1C145F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1800D0 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 #1800D0 looks like.

```
.text, #text, p{  
    color:#1800D0  
}
```

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 #1800D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1800D0
}
```

Border

The CSS property to change the border of an element to Hex 1800D0 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
#1800D0 }
```

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

```
.border{ border-color:#1800D0 }
```

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

Here you see how a box with a 4 pixel #1800D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1800D0; -webkit-box-shadow:4px 4px  
4px 4px #1800D0; box-shadow:4px 4px 4px  
4px #1800D0 }
```

Background

The CSS property to change the background color of an element to Hex 1800D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1800D0 }
```

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

```
.background{ background-color:#1800D0 }
```

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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