

# Converting Colors

Hex(1800CC)

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

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**Color**

**Hex(1800CC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1800CC
RGB	24, 0, 204
RGB Percent	9%, 0%, 80%
CMY	0.9059, 1.0000, 0.2000
CMYK	0.88, 1.00, 0.00, 0.20
HSL	247°, 100%, 40%
HSV	247°, 100%, 80%
XYZ	11.2758, 4.5538, 57.4114
YIQ	30.4320, -51.1800, 68.5320

# Conversions

## Conversions Part 2

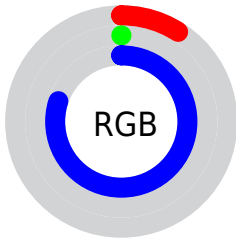
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 0, 204
Decimal	1573068
CIELab	25.42, 67.13, -90.16
CIELCh	25, 112.403, 306.672
Yxy	4.5538, 0.1540, 0.0622
Android (android.graphics.Color)	4279763148 (0xFF1800CC)
YUV	30.4320, 85.5690, -5.6409
Hunter-Lab	21.3397, 56.9739, -144.5736

# Details

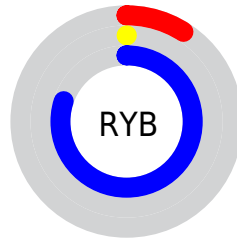
The Hex color **1800CC** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **B4CC00**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **7040FF**, and **000094** is the 20% darker color. If you saturate the color by 10%, you get **1800CC**, and if you desaturate by 10%, it is **2A14CC**.

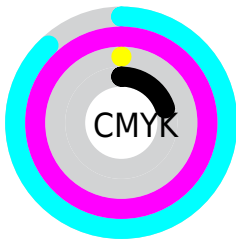
# Distribution



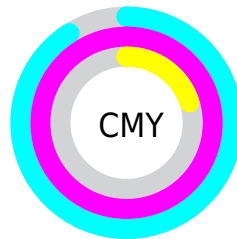
- Red (9%)
- Green (0%)
- Blue (80%)



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



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



- Cyan (91%)
- Magenta (100%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 1800CC


 1800CC

FFFFFF

 0000B0

 7040FF

 000094

 915BFF

 000079

 B175FF

 000B5F

 D091FF

 000846

 F0ACFF

 00042F

 FFC9FF

 000119

 FFE5FF

 000000

 1800CC

 2A14CC

 3C29CC

 4E3DCC

 6052CC

 7266CC

 847ACC

 968FCC

 A8A3CC

 BAB8CC

# Harmonies

## Analogous

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



004AF1



1800CC



A50082

# Triad

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



1800CC



7D0C00



00544F

# Complementary

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



1800CC



B4CC00

# 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.



005200



1800CC



3A4000

# Square

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



1800CC



AB0000



004E00



0057A4

# Rectangle

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



1800CC



BC004A



004E00



005330



# Sweetspot

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



1800CC



BBB3FF



00B4CC



575280



000000



808080



# Same Dimension

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



1800CC



1E00FF



7E00CC



5D5C66



1300A6



040026



# Inverse Universe

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



CC00B4



FF00E1



4ECC00



665C65



A60092

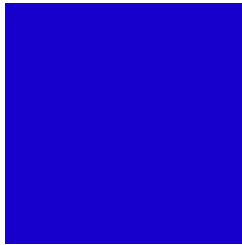


260022



# Previews

## White Background



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

## Color Contrast Check

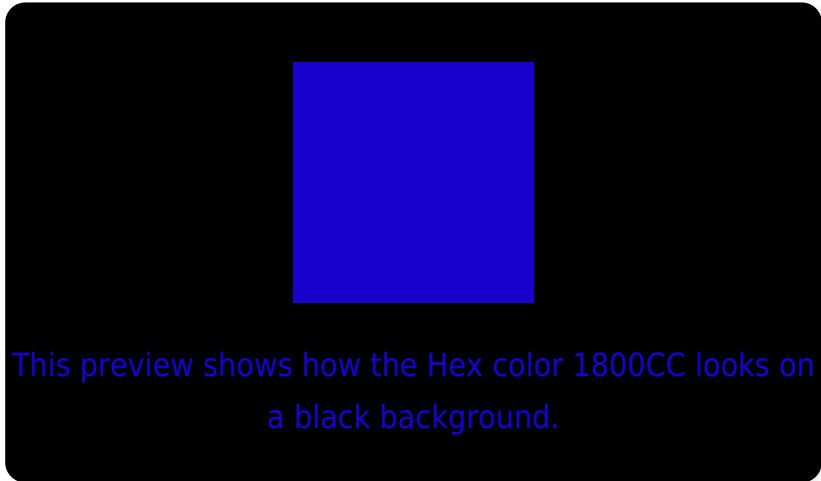
Large Text (above 18pt) WCAG AA ✓ Pass

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

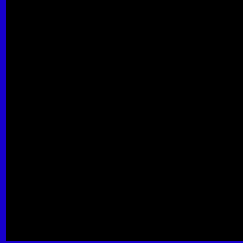
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1800CC Background



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



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

# 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





# Trichromacy



**Original Color**  
1800CC

**Protanomaly**  
09269A

**Deuteranomaly**  
09298E

**Tritanomaly**  
092C79

# Monochromacy



**Original Color**  
1800CC

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
1C135D

# CSS Examples

## Text

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

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

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 #1800CC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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