

# Converting Colors

Hex(1400D3)

Have a look what the booklet for  
Hex(1400D3) contains.

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**Color**

**Hex(1400D3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1400D3
RGB	20, 0, 211
RGB Percent	8%, 0%, 83%
CMY	0.9216, 1.0000, 0.1725
CMYK	0.91, 1.00, 0.00, 0.17
HSL	246°, 100%, 41%
HSV	246°, 100%, 83%
XYZ	12.0464, 4.8519, 61.9296
YIQ	30.0340, -55.8110, 69.8610

# Conversions

## Conversions Part 2

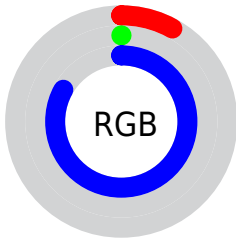
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 0, 211
Decimal	1310931
CIE <sub>Lab</sub>	26.31, 68.79, -92.76
CIE <sub>LCh</sub>	26, 115.486, 306.560
Yxy	4.8519, 0.1528, 0.0616
Android (android.graphics.Color)	4279501011 (0xFF1400D3)
YUV	30.0340, 89.2162, -8.7998
Hunter-Lab	22.0270, 59.0730, -151.2771

# Details

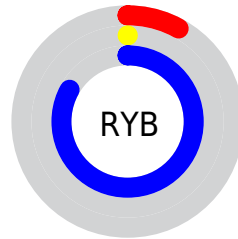
The Hex color **1400D3** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **BFD300**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **7041FF**, and **00009B** is the 20% darker color. If you saturate the color by 10%, you get **1400D3**, and if you desaturate by 10%, it is **2715D3**.

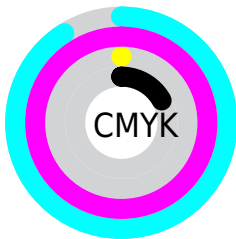
# Distribution



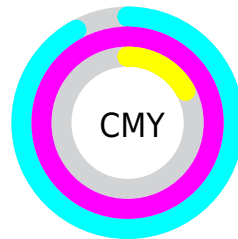
- Red (8%)
- Green (0%)
- Blue (83%)



- Red (8%)
- Yellow (0%)
- Blue (83%)



- Cyan (91%)
- Magenta (100%)
- Yellow (0%)
- Black (17%)



- Cyan (92%)
- Magenta (100%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1400D3 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 1400D3 by changing the saturation by 10% instead.



 1400D3

 1400D3

FFFFFF

 0000B6

 7041FF

 00009B

 925CFF

 00007F

 B277FF

 000965

 D292FF

 00094C

 F2AEFF

 000434

 FFCAFF

 00021E

 FFE7FF

 000000

 1400D3

 2715D3

 3A2AD3

 4D3FD3

 6054D3

 736AD3

 877FD3

 9A94D3

 ADA9D3

 C0BED3

# Harmonies

## Analogous

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



004DF9



1400D3



AA0087

# Triad

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



1400D3



810B00



005751

# Complementary

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



1400D3



BFD300

# 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.



005400



1400D3



3C4300

# Square

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



1400D3



B10000



005000



005AAA

# Rectangle

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



1400D3



C2004D



005000



005632



# Sweetspot

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



1400D3



BAB3FF



00C1D3



565280



000000



808080



# Same Dimension

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



1400D3



1800FF



7B00D3



5F5E69



1000A8



040029



# Inverse Universe

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



D300BF



FF00E7



58D300



695E68



A80098

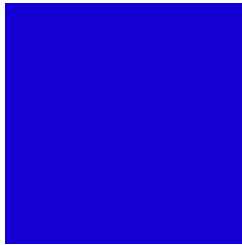


290025



# Previews

## White Background



This preview shows how the Hex color 1400D3 looks on a white background.

## Color Contrast Check

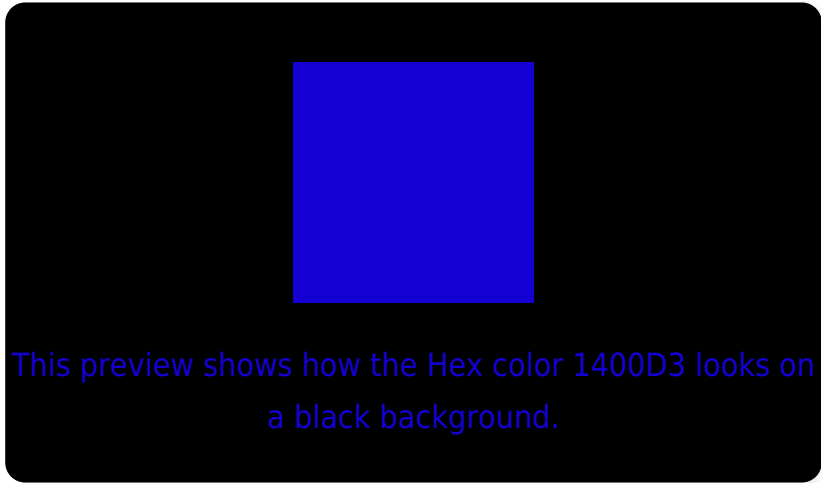
Large Text (above 18pt) WCAG AA ✓ Pass

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 1400D3 Background



This preview shows how black text looks on a background with the Hex color 1400D3.



This preview shows how white text looks on a background with the Hex color 1400D3.

# 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**  
1400D3

**Protanopia**  
003E82

**Deuteranopia**  
00426E



**Tritanopia**  
00474B

# Trichromacy



**Original Color**  
1400D3

**Protanomaly**  
07279F

**Deuteranomaly**  
072A93

**Tritanomaly**  
072D7C

# Monochromacy



**Original Color**  
1400D3

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
1A1360

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1400D3 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 #1400D3 looks like.

```
.text, #text, p{  
    color:#1400D3  
}
```

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 #1400D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1400D3
}
```

## Border

The CSS property to change the border of an element to Hex 1400D3 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
#1400D3 }
```

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

```
.border{ border-color:#1400D3 }
```

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

Here you see how a box with a 4 pixel #1400D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1400D3; -webkit-box-shadow:4px 4px  
4px 4px #1400D3; box-shadow:4px 4px 4px  
4px #1400D3 }
```

# Background

The CSS property to change the background color of an element to Hex 1400D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1400D3 }
```

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

```
.background{ background-color:#1400D3 }
```

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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