

Converting Colors

Hex(2300D9)

Have a look what the booklet for
Hex(2300D9) contains.

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Color

Hex(2300D9)

Conversions

Conversions Part 1

Format	Color
Hex	2300D9
RGB	35, 0, 217
RGB Percent	14%, 0%, 85%
CMY	0.8627, 1.0000, 0.1490
CMYK	0.84, 1.00, 0.00, 0.15
HSL	250°, 100%, 43%
HSV	250°, 100%, 85%
XYZ	13.2175, 5.3671, 65.9849
YIQ	35.2030, -48.7970, 74.9070

Conversions

Conversions Part 2

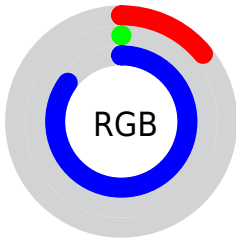
Format	Color
R _Y B	35, 0, 217
Decimal	2293977
CIE Lab	27.76, 70.44, -93.81
CIE LCh	28, 117.310, 306.903
Yxy	5.3671, 0.1563, 0.0635
Android (android.graphics.Color)	4280484057 (0xFF2300D9)
YUV	35.2030, 89.6259, -0.1780
Hunter-Lab	23.1670, 61.2980, -152.6550

Details

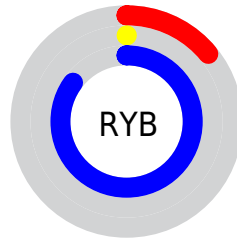
The Hex color **2300D9** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **B6D900**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **7743FF**, and **0000A0** is the 20% darker color. If you saturate the color by 10%, you get **2300D9**, and if you desaturate by 10%, it is **3516D9**.

Distribution



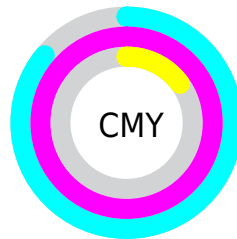
- Red (14%)
- Green (0%)
- Blue (85%)



- Red (14%)
- Yellow (0%)
- Blue (85%)



- Cyan (84%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)



- Cyan (86%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2300D9 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 2300D9 by changing the saturation by 10% instead.

■ 2300D9

■ 2300D9

FFFFFF

■ 0000BC

■ 7743FF

■ 0000A0

■ 985EFF

■ 000085

■ B979FF

■ 00056A

■ D994FF

■ 000B51

■ F8B0FF

■ 000539

■ FFCDFE

■ 000223

■ FFEAFF

■ 000009

■ 000000

 2300D9

 3516D9

 472BD9

 5A41D9

 6C57D9

 7E6DD9

 9082D9

 A298D9

 B5AED9

 C7C3D9

Harmonies

Analogous

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



0050FF



2300D9



B1008B

Triad

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



2300D9



851100



005B56

Complementary

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



2300D9



B6D900

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



2300D9



3E4600

Square

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



2300D9



B70000



005400



005EB0

Rectangle

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



2300D9



C90050



005400



005A36

Sweetspot

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



2300D9



BFB3FF



00B8D9



595280



000000



808080

Same Dimension

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



2300D9



2900FF



8D00D9



64636E



1C00AD



07002E

Inverse Universe

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



D900B6



FF00D6



4CD900



6E636C



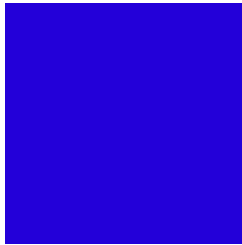
AD0091



2E0026

Previews

White Background



This preview shows how the Hex color 2300D9 looks on a white background.

Color Contrast Check

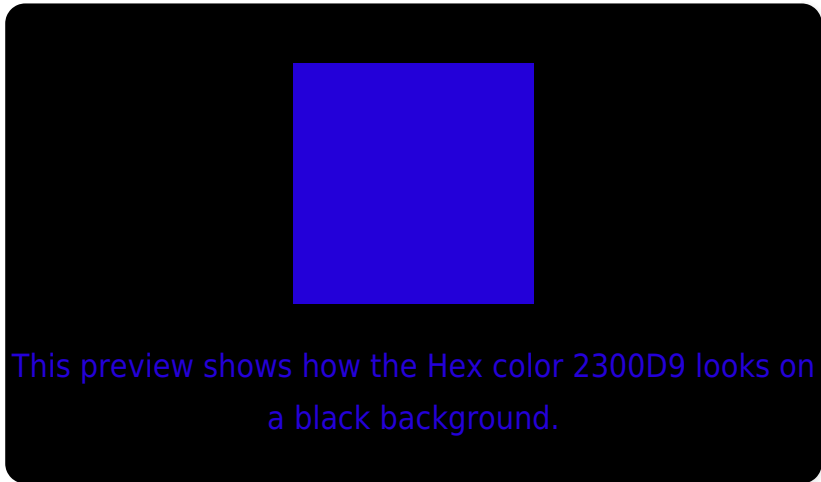
Large Text (above 18pt) WCAG AA ✓ Pass

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 2300D9 Background



This preview shows how black text looks on a background with the Hex color 2300D9.



This preview shows how white text looks on a background with the Hex color 2300D9.

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
2300D9

Protanopia
004188

Deuteranopia
004573



Tritanopia
004B4E

Trichromacy



Original Color
2300D9

Protanomaly
0D29A5

Deuteranomaly
0D2C98

Tritanomaly
0D3081

Monochromacy



Original Color
2300D9

Achromatopsia
232323

Achromatomaly
231665

CSS Examples

Text

The CSS property to change the color of the text to Hex 2300D9 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 #2300D9 looks like.

```
.text, #text, p{  
    color:#2300D9  
}
```

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 #2300D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2300D9
}
```

Border

The CSS property to change the border of an element to Hex 2300D9 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
#2300D9 }
```

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

```
.border{ border-color:#2300D9 }
```

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

Here you see how a box with a 4 pixel #2300D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2300D9; -webkit-box-shadow:4px 4px  
4px 4px #2300D9; box-shadow:4px 4px 4px  
4px #2300D9 }
```

Background

The CSS property to change the background color of an element to Hex 2300D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2300D9 }
```

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

```
.background{ background-color:#2300D9 }
```

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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