

# Converting Colors

Hex(2300FE)

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

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# Color

**Hex(2300FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2300FE
RGB	35, 0, 254
RGB Percent	14%, 0%, 100%
CMY	0.8627, 1.0000, 0.0039
CMYK	0.86, 1.00, 0.00, 0.00
HSL	248°, 100%, 50%
HSV	248°, 100%, 100%
XYZ	18.5825, 7.5131, 94.2367
YIQ	39.4210, -60.6740, 86.4140

# Conversions

## Conversions Part 2

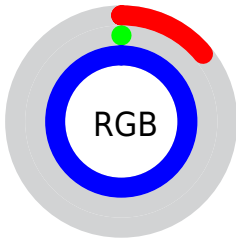
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	35, 0, 254
Decimal	2294014
CIE Lab	32.95, 79.22, -106.20
CIE LCh	33, 132.494, 306.718
Yxy	7.5131, 0.1544, 0.0624
Android (android.graphics.Color)	4280484094 (0xFF2300FE)
YUV	39.4210, 105.7874, -3.8772
Hunter-Lab	27.4100, 73.0460, -184.6544

# Details

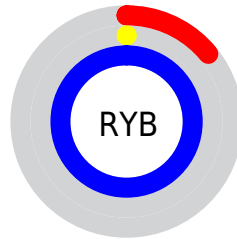
The Hex color **2300FE** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **DBFE00**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **8048FF**, and **0000C3** is the 20% darker color. If you saturate the color by 10%, you get **2300FE**, and if you desaturate by 10%, it is **3919FE**.

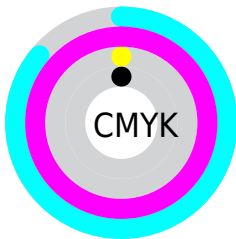
# Distribution



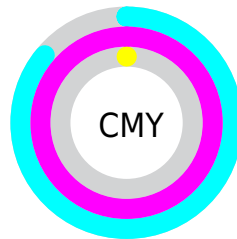
- Red (14%)
- Green (0%)
- Blue (100%)



- Red (14%)
- Yellow (0%)
- Blue (100%)



- Cyan (86%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (100%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 2300FE

 2300FE

FFFFFF

 0000E0

 8048FF

 0000C3

 A464FF

 0000A7

 C580FF

 00008B

 E69CFF

 001071

 FFB8FF

 000C57

 FFD5FF

 00063F

 FFF2FF

 000328

 000111

 2300FE

 3919FE

 4F33FE

 654CFE

 7B66FE

 907FFE

 A698FE

 BCB2FE

 D2CBFE

 E8E5FE

# Harmonies

## Analogous

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



005EFF



2300FE



CE00A3

# Triad

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



2300FE



9C1300



006A64

# Complementary

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



2300FE



DBFE00

# 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.



006700



2300FE



4A5300

# Square

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



2300FE



D60000



006300



006ECE

# Rectangle

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



2300FE



EB005F



006300



00693F



# Sweetspot

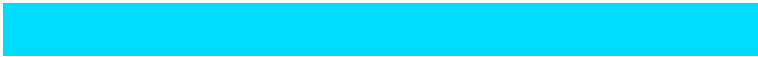
The Sweet Spot groups the original color and five complimentary colors.



2300FE



BDB3FF



00DCFE



585280



000000



808080



# Same Dimension

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



2300FE



2300FF



A100FE



757380



1A00BF



090040



# Inverse Universe

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



FE00DB



FF00DC



5DFE00



80737E



BF00A5

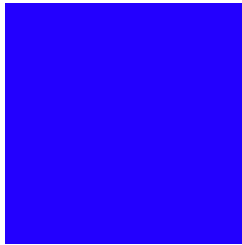


400037



# Previews

## White Background



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

## Color Contrast Check

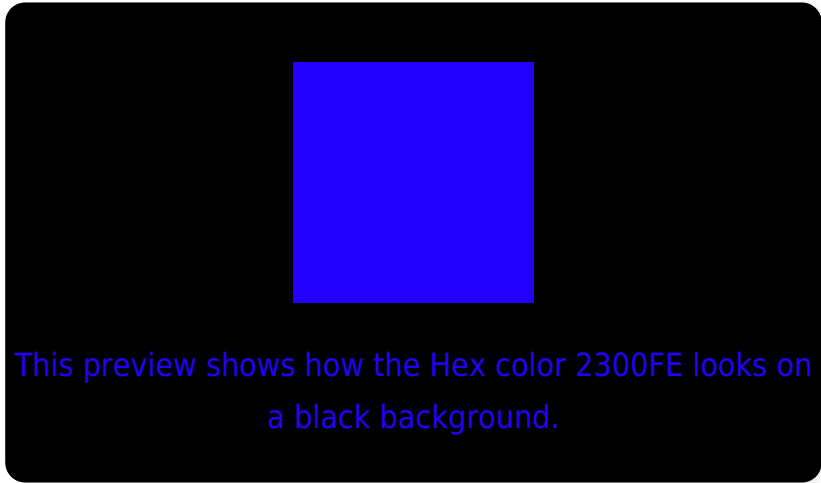
Large Text (above 18pt) WCAG AA ✓ Pass

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 2300FE Background



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



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

# 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





**Tritanopia**  
00575B

# Trichromacy



**Original Color**  
2300FE

**Protanomaly**  
0D30C1

**Deuteranomaly**  
0D34B2

**Tritanomaly**  
0D3796

# Monochromacy



**Original Color**  
2300FE

**Achromatopsia**  
272727

**Achromatomaly**  
261975

# CSS Examples

## Text

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

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

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 #2300FE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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