

Converting Colors

Hex(2C1FE7)

Have a look what the booklet for
Hex(2C1FE7) contains.

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Color

Hex(2C1FE7)

Conversions

Conversions Part 1

Format	Color
Hex	2C1FE7
RGB	44, 31, 231
RGB Percent	17%, 12%, 91%
CMY	0.8275, 0.8784, 0.0941
CMYK	0.81, 0.87, 0.00, 0.09
HSL	244°, 81%, 51%
HSV	244°, 87%, 91%
XYZ	15.9525, 7.2850, 76.1667
YIQ	57.6870, -56.4520, 64.9560

Conversions

Conversions Part 2

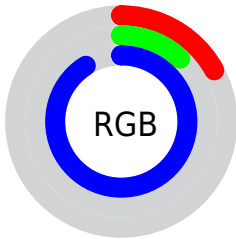
Format	Color
R _Y B	44, 31, 231
Decimal	2891751
CIE Lab	32.45, 66.98, -94.01
CIE LCh	32, 115.432, 305.469
Yxy	7.2850, 0.1605, 0.0733
Android (android.graphics.Color)	4281081831 (0xFF2C1FE7)
YUV	57.6870, 85.4433, -12.0035
Hunter-Lab	26.9907, 58.2665, -148.4206

Details

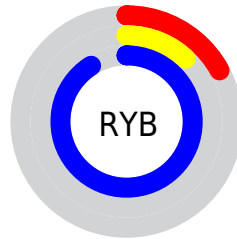
The Hex color **2C1FE7** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **DAE71F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **7D54FF**, and **0000AE** is the 20% darker color. If you saturate the color by 10%, you get **1608E7**, and if you desaturate by 10%, it is **4236E7**.

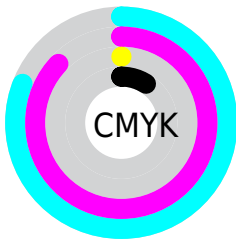
Distribution



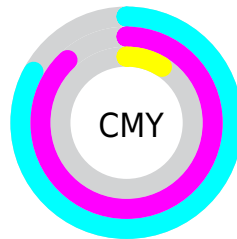
- Red (17%)
- Green (12%)
- Blue (91%)



- Red (17%)
- Yellow (12%)
- Blue (91%)



- Cyan (81%)
- Magenta (87%)
- Yellow (0%)
- Black (9%)



- Cyan (83%)
- Magenta (88%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1FE7 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 2C1FE7 by changing the saturation by 10% instead.

■ 2C1FE7

■ 2C1FE7

FFFFFF

■ 0000CA

■ 7D54FF

■ 0000AE

■ 9F6FFF

■ 000092

■ BF8AFF

■ 000077

■ DFA5FF

■ 000E5D

■ FFC1FF

■ 000844

■ FFDEFF

■ 00032D

■ FFFBFF

■ 000118

■ 000000

■ 2C1FE7

■ 2C1FE7

■ 1608E7

■ 4236E7

■ 0F00E7

■ 574DE7

■ 6D64E7

■ 827BE7

■ 9893E7

■ AEAAE7

■ C3C1E7

■ D9D8E7

■ EEEFE7

Harmonies

Analogous

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



005AFF



2C1FE7



BB009A

Triad

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



2C1FE7



961D00



00675C

Complementary

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



2C1FE7



DAE71F

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.



006400



2C1FE7



4F5000

Square

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



2C1FE7



C70000



005F00



006AB7

Rectangle

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



2C1FE7



D6005F



005F00



00663C

Sweetspot

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



2C1FE7



C1BDFE



1FDDE7



5B5880



000000



808080

Same Dimension

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



2C1FE7



1100FF



8D1FE7



686773



0C00B3



030033

Inverse Universe

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



E71FDA



FF00EE



79E71F



736772



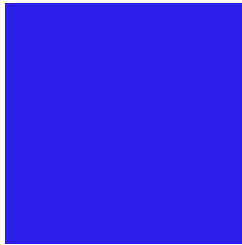
B300A7



330030

Previews

White Background



This preview shows how the Hex color 2C1FE7 looks on a white background.

Color Contrast Check

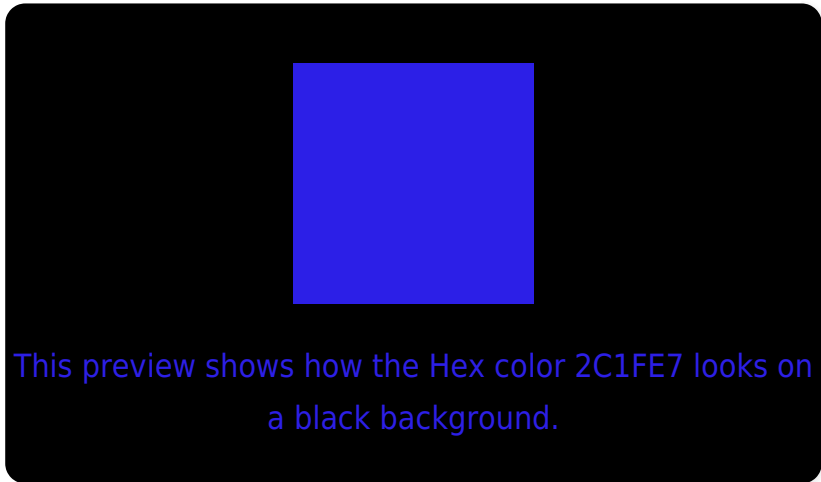
Large Text (above 18pt) WCAG AA ✓ Pass

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

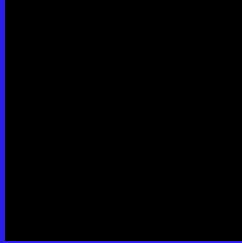
Any Text WCAG AA × Fail

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 2C1FE7 Background



This preview shows how black text looks on a background with the Hex color 2C1FE7.



This preview shows how white text looks on a background with the Hex color 2C1FE7.

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
2C1FE7

Protanopia
00499A

Deuteranopia
004E82

Trichromacy



Original Color
2C1FE7

Protanomaly
103AB6

Deuteranomaly
103DA7

Tritanomaly
10418D

Monochromacy



Original Color
2C1FE7

Achromatopsia
3A3A3A

Achromatomaly
353079

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1FE7 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 #2C1FE7 looks like.

```
.text, #text, p{  
    color:#2C1FE7  
}
```

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 #2C1FE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1FE7 }  
}
```

Border

The CSS property to change the border of an element to Hex 2C1FE7 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 #2C1FE7 }  
}
```

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

```
.border{ border-color:#2C1FE7 }
```

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

Here you see how a box with a 4 pixel #2C1FE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1FE7; -webkit-box-shadow:4px 4px  
4px 4px #2C1FE7; box-shadow:4px 4px 4px  
4px #2C1FE7 }
```

Background

The CSS property to change the background color of an element to Hex 2C1FE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1FE7 }
```

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

```
.background{ background-color:#2C1FE7 }
```

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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