

Converting Colors

Hex(2C2CFF)

Have a look what the booklet for
Hex(2C2CFF) contains.

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Color

Hex(2C2CFF)

Conversions

Conversions Part 1

Format	Color
Hex	2C2CFF
RGB	44, 44, 255
RGB Percent	17%, 17%, 100%
CMY	0.8275, 0.8275, 0.0000
CMYK	0.83, 0.83, 0.00, 0.00
HSL	240°, 100%, 59%
HSV	240°, 83%, 100%
XYZ	19.9894, 9.5568, 95.3988
YIQ	68.0540, -67.7310, 65.6210

Conversions

Conversions Part 2

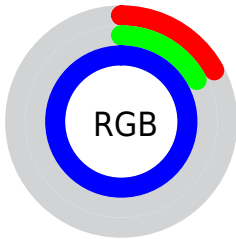
Format	Color
R _Y B	44, 44, 255
Decimal	2895103
CIE Lab	37.04, 68.74, -99.94
CIE LCh	37, 121.298, 304.523
Yxy	9.5568, 0.1600, 0.0765
Android (android.graphics.Color)	4281085183 (0xFF2C2CFF)
YUV	68.0540, 92.1644, -21.0954
Hunter-Lab	30.9141, 61.3202, -161.3249

Details

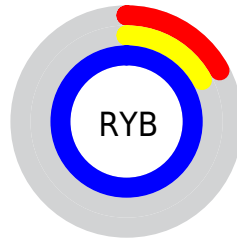
The Hex color **2C2CFF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFFF2C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8260FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **1313FF**, and if you desaturate by 10%, it is **4646FF**.

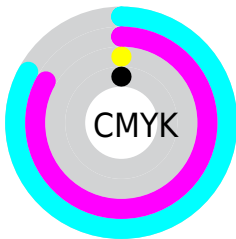
Distribution



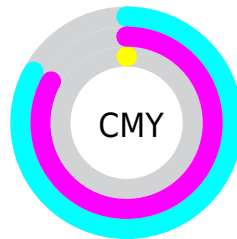
- Red (17%)
- Green (17%)
- Blue (100%)



- Red (17%)
- Yellow (17%)
- Blue (100%)



- Cyan (83%)
- Magenta (83%)
- Yellow (0%)
- Black (0%)



- Cyan (83%)
- Magenta (83%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2CFF 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 2C2CFF by changing the saturation by 10% instead.

 2C2CFF

 2C2CFF

FFFFFF

 000EE1

 8260FF

 0000C4

 A57BFF

 0000A8

 C696FF

 00008D

 E7B1FF

 000C72

 FFCEFF

 000C58

 FFEAFF

 000740

 000329

 000113

 2C2CFF

 2C2CFF

 1313FF

 4646FF

 0000FF

 5F5FFF

 7979FF

 9292FF

 ACACFF

 C5C5FF

 DFDFFF

 F8F8FF

FFFFFF

Harmonies

Analogous

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



0066FF



2C2CFF



CC00AE

Triad

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



2C2CFF



A92200



007465

Complementary

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



2C2CFF



FFF2C

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.



007200



2C2CFF



5E5A00

Square

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



2C2CFF



DE0000



006C00



0078C7

Rectangle

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



2C2CFF



EB006E



006C00



007342

Sweetspot

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



2C2CFF



BFBFFF



2CFFFF



595980



000000



808080

Same Dimension

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



2C2CFF



0303FF



962CFF



737380



0000BF



000040

Inverse Universe

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



FF2CFF



FF03FF



96FF2C



807380



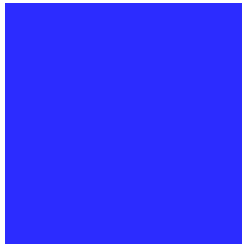
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 2C2CFF looks on a white background.

Color Contrast Check

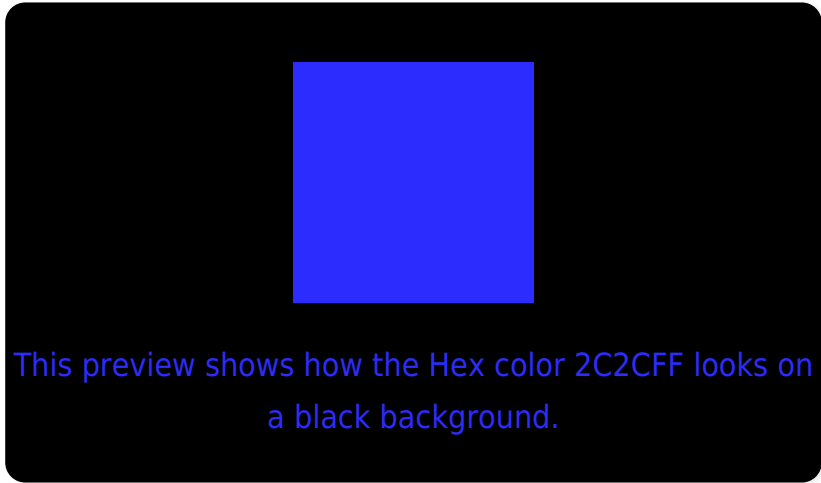
Large Text (above 18pt) WCAG AA ✓ Pass

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

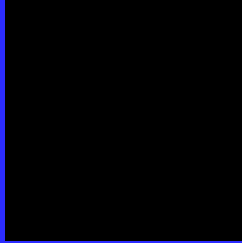
Any Text WCAG AA × Fail

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 2C2CFF Background



This preview shows how black text looks on a background with the Hex color 2C2CFF.

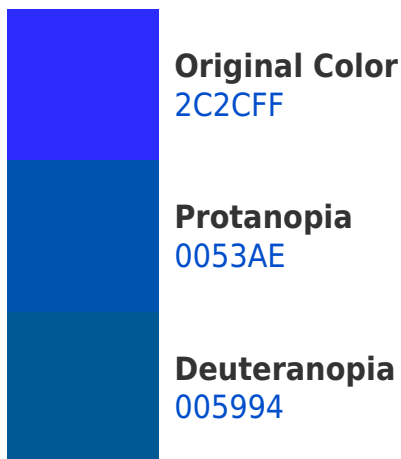


This preview shows how white text looks on a background with the Hex color 2C2CFF.

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
2C2CFF

Protanomaly
1045CB

Deuteranomaly
1049BB

Monochromacy



Original Color
2C2CFF

Achromatopsia
444444

Achromatomaly
3B3B88

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2CFF 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 #2C2CFF looks like.

```
.text, #text, p{  
    color:#2C2CFF  
}
```

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 #2C2CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2CFF
}
```

Border

The CSS property to change the border of an element to Hex 2C2CFF 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
#2C2CFF }
```

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

```
.border{ border-color:#2C2CFF }
```

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

Here you see how a box with a 4 pixel #2C2CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2CFF; -webkit-box-shadow:4px 4px  
4px 4px #2C2CFF; box-shadow:4px 4px 4px  
4px #2C2CFF }
```

Background

The CSS property to change the background color of an element to Hex 2C2CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2CFF }
```

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

```
.background{ background-color:#2C2CFF }
```

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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