

Converting Colors

Hex(2C33FF)

Have a look what the booklet for
Hex(2C33FF) contains.

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Color

Hex(2C33FF)

Conversions

Conversions Part 1

Format	Color
Hex	2C33FF
RGB	44, 51, 255
RGB Percent	17%, 20%, 100%
CMY	0.8275, 0.8000, 0.0000
CMYK	0.83, 0.80, 0.00, 0.00
HSL	238°, 100%, 59%
HSV	238°, 83%, 100%
XYZ	20.2725, 10.1231, 95.4932
YIQ	72.1630, -69.6560, 61.9600

Conversions

Conversions Part 2

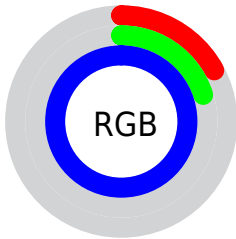
Format	Color
R _Y B	44, 51, 255
Decimal	2896895
CIE Lab	38.06, 65.71, -98.23
CIE LCh	38, 118.182, 303.781
Yxy	10.1231, 0.1610, 0.0804
Android (android.graphics.Color)	4281086975 (0xFF2C33FF)
YUV	72.1630, 90.1386, -24.6990
Hunter-Lab	31.8169, 58.0541, -155.6777

Details

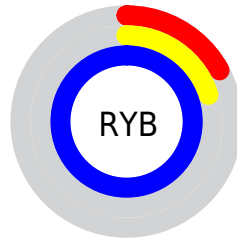
The Hex color **2C33FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFF82C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8266FF**, and **0000C5** is the 20% darker color. If you saturate the color by 10%, you get **131AFF**, and if you desaturate by 10%, it is **464CFF**.

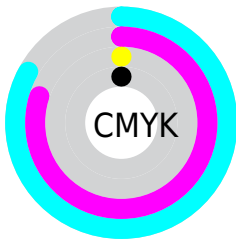
Distribution



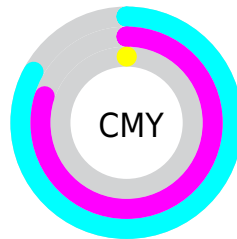
- Red (17%)
- Green (20%)
- Blue (100%)



- Red (17%)
- Yellow (20%)
- Blue (100%)



- Cyan (83%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (83%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C33FF 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 2C33FF by changing the saturation by 10% instead.

 2C33FF

 2C33FF

FFFFFF

 0019E1

 8266FF

 0000C5

 A480FF

 0000A8

 C59BFF

 00008D

 E6B7FF

 000B72

 FFD3FF

 000C58

 FFF0FF

 000740

 000329

 000113

■ 2C33FF

■ 2C33FF

■ 131AFF

■ 464CFF

■ 0008FF

■ 5F64FF

■ 797DFF

■ 9296FF

■ ACAEFF

■ C5C7FF

■ DFE0FF

■ F8F8FF

FFFFFF

Harmonies

Analogous

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



0069FF



2C33FF



CB00B1

Triad

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



2C33FF



AD2500



007764

Complementary

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



2C33FF



FFF82C

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.



007400



2C33FF



635B00

Square

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



2C33FF



DF0000



006E00



007AC5

Rectangle

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



2C33FF



EA0072



006E00



007642

Sweetspot

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



2C33FF



BFC1FF



2CFFF8



595B80



000000



808080

Same Dimension

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



2C33FF



030BFF



8E2CFF



737380



0006BF



000240

Inverse Universe

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



FF2C33



FF030B



9DFF2C



807373



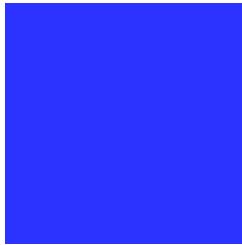
BF0006



400002

Previews

White Background



This preview shows how the Hex color 2C33FF looks on a white background.

Color Contrast Check

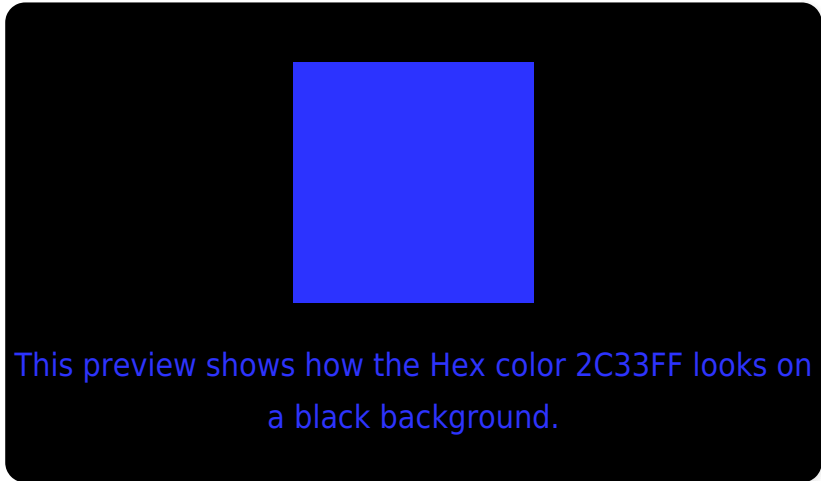
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 2C33FF Background



This preview shows how black text looks on a background with the Hex color 2C33FF.



This preview shows how white text looks on a background with the Hex color 2C33FF.

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
2C33FF

Protanomaly
1049CF

Deuteranomaly
104CBD

Tritanomaly
10519E

Monochromacy



Original Color
2C33FF

Achromatopsia
484848

Achromatomaly
3E408B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C33FF 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 #2C33FF looks like.

```
.text, #text, p{  
    color:#2C33FF  
}
```

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 #2C33FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C33FF
}
```

Border

The CSS property to change the border of an element to Hex 2C33FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

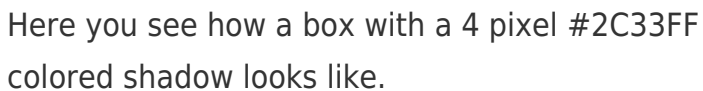
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C33FF }
```

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

```
.border{ border-color:#2C33FF }
```

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



Here you see how a box with a 4 pixel #2C33FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C33FF; -webkit-box-shadow:4px 4px  
4px 4px #2C33FF; box-shadow:4px 4px 4px  
4px #2C33FF }
```

Background

The CSS property to change the background color of an element to Hex 2C33FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C33FF }
```

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

```
.background{ background-color:#2C33FF }
```

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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