

# Converting Colors

Hex(2B85FE)

Have a look what the booklet for  
Hex(2B85FE) contains.

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# Color

Hex(2B85FE)

# Conversions

## Conversions Part 1

Format	Color
Hex	2B85FE
RGB	43, 133, 254
RGB Percent	17%, 52%, 100%
CMY	0.8314, 0.4784, 0.0039
CMYK	0.83, 0.48, 0.00, 0.00
HSL	214°, 99%, 58%
HSV	214°, 83%, 100%
XYZ	27.2732, 24.4444, 97.0467
YIQ	119.8840, -92.4810, 18.5510

# Conversions

## Conversions Part 2

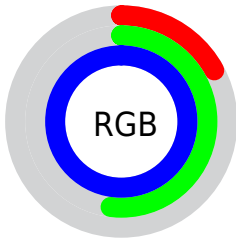
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	43, 106, 254
Decimal	2852350
CIE Lab	56.53, 17.16, -67.42
CIE LCh	57, 69.571, 284.279
Yxy	24.4444, 0.1833, 0.1643
Android (android.graphics.Color)	4281042430 (0xFF2B85FE)
YUV	119.8840, 66.1192, -67.4273
Hunter-Lab	49.4413, 11.9433, -81.7696

# Details

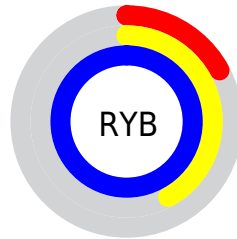
The Hex color **2B85FE** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **FEA42B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **7CB9FF**, and **0055C4** is the 20% darker color. If you saturate the color by 10%, you get **1276FE**, and if you desaturate by 10%, it is **4494FE**.

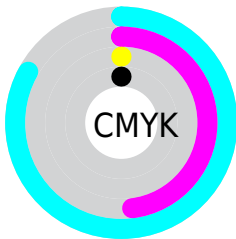
# Distribution



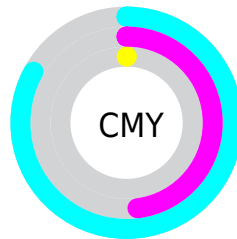
- Red (17%)
- Green (52%)
- Blue (100%)



- Red (17%)
- Yellow (42%)
- Blue (100%)



- Cyan (83%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (83%)
- Magenta (48%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B85FE 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 2B85FE by changing the saturation by 10% instead.



 2B85FE

 2B85FE

FFFFFF

 006CE1

 7CB9FF

 0055C4

 9CD5FF

 003EA9

 BCF1FF

 002A8D

 DCFFFF

 001873

 FBFFFF

 000B5A

 000741

 00032A

 000114

■ 2B85FE

■ 2B85FE

■ 1276FE

■ 4494FE

■ 006CFE

■ 5EA2FE

■ 77B1FE

■ 91BFFE

■ AACEFE

■ C3DCFE

■ DDEBFE

■ F6FAFE

FFFFFE

# Harmonies

## Analogous

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



0097FD



2B85FE



AE69DF

# Triad

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



2B85FE



E35D34



00A164

# Complementary

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



2B85FE



FEA42B

# 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.



3F9A26



2B85FE



BD7900

# Square

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



2B85FE



F2466D



888E00



00A3A4

# Rectangle

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



2B85FE



D655BD



888E00



009F50



# Sweetspot

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



2B85FE



BFD AFF



2BF EA3



596 A80



000000



808080



# Same Dimension

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



2B85FE



006DFF



392BFE



737880



0052BF



001B40



# Inverse Universe

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



FE2B85



FF006D



F0FE2B



807378



BF0052



40001B



# Previews

## White Background



This preview shows how the Hex color 2B85FE looks on a white background.

## Color Contrast Check

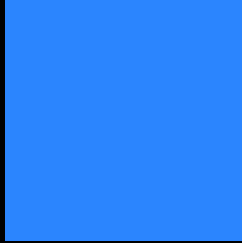
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 2B85FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

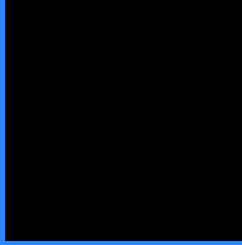
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

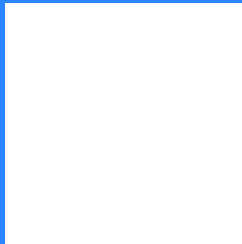
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2B85FE Background



This preview shows how black text looks on a background with the Hex color 2B85FE.



This preview shows how white text looks on a background with the Hex color 2B85FE.

# 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](#).

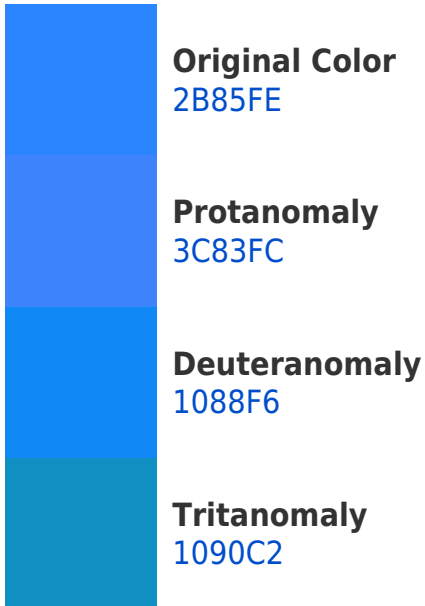
## Dichromacy



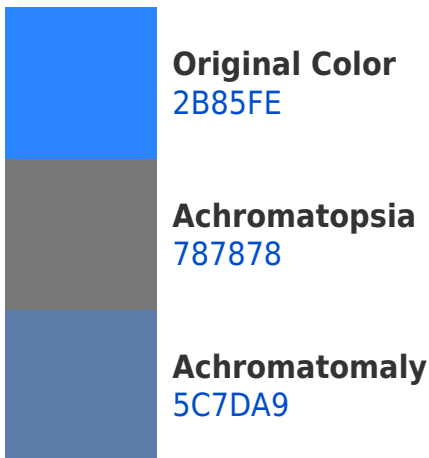


**Tritanopia**  
0096A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B85FE 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 #2B85FE looks like.

```
.text, #text, p{  
    color:#2B85FE  
}
```

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 #2B85FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B85FE
}
```

## Border

The CSS property to change the border of an element to Hex 2B85FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

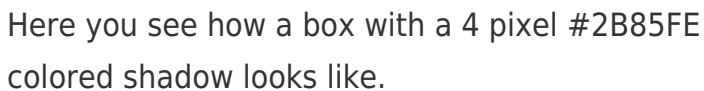
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B85FE }
```

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

```
.border{ border-color:#2B85FE }
```

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



Here you see how a box with a 4 pixel #2B85FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B85FE; -webkit-box-shadow:4px 4px  
4px 4px #2B85FE; box-shadow:4px 4px 4px  
4px #2B85FE }
```

# Background

The CSS property to change the background color of an element to Hex 2B85FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B85FE }
```

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

```
.background{ background-color:#2B85FE }
```

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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