

Converting Colors

Hex(2B5FEF)

Have a look what the booklet for
Hex(2B5FEF) contains.

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Color

Hex(2B5FEF)

Conversions

Conversions Part 1

Format	Color
Hex	2B5FEF
RGB	43, 95, 239
RGB Percent	17%, 37%, 94%
CMY	0.8314, 0.6275, 0.0627
CMYK	0.82, 0.60, 0.00, 0.06
HSL	224°, 86%, 55%
HSV	224°, 82%, 94%
XYZ	20.6685, 14.9300, 83.4538
YIQ	95.8680, -77.2160, 33.7600

Conversions

Conversions Part 2

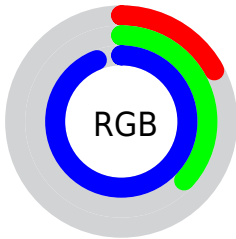
Format	Color
R _Y B	43, 84, 239
Decimal	2842607
CIE Lab	45.54, 35.42, -76.93
CIE LCh	46, 84.694, 294.723
Yxy	14.9300, 0.1736, 0.1254
Android (android.graphics.Color)	4281032687 (0xFF2B5FEF)
YUV	95.8680, 70.5641, -46.3652
Hunter-Lab	38.6394, 27.8620, -101.0077

Details

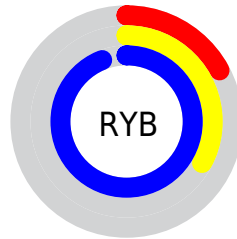
The Hex color **2B5FEF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **EFBB2B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7A91FF**, and **0032B6** is the 20% darker color. If you saturate the color by 10%, you get **134DEF**, and if you desaturate by 10%, it is **4371EF**.

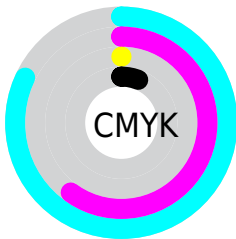
Distribution



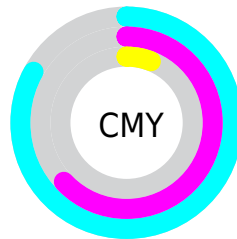
- Red (17%)
- Green (37%)
- Blue (94%)



- Red (17%)
- Yellow (33%)
- Blue (94%)



- Cyan (82%)
- Magenta (60%)
- Yellow (0%)
- Black (6%)



- Cyan (83%)
- Magenta (63%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B5FEF 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 2B5FEF by changing the saturation by 10% instead.

 2B5FEF

 2B5FEF

FFFFFF

 0048D2

 7A91FF

 0032B6

 9BABFF

 001F9A

 BAC7FF

 000E7F

 DAE3FF

 000465

 F9FFFF

 00094C

 000534

 00021E

 000001

■ 2B5FEF

■ 2B5FEF

■ 134DEF

■ 4371EF

■ 003FEF

■ 5B82EF

■ 7394EF

■ 8BA5EF

■ A3B7EF

■ BAC8EF

■ D2DAEF

■ EAEBEF

■ FFFDEF

Harmonies

Analogous

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



007AFC



2B5FEF



B12CBF

Triad

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



2B5FEF



C14000



00875D

Complementary

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



2B5FEF



EFBB2B

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.



008300



2B5FEF



8E6500

Square

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



2B5FEF



DE0036



4A7900



0088A6

Rectangle

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



2B5FEF



D40093



4A7900



008643

Sweetspot

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



2B5FEF



BFD0FF



2BEFBB



596380



000000



808080

Same Dimension

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



2B5FEF



0547FF



592BEF



6C6F78



0031B8



000F38

Inverse Universe

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



EF2B5F



FF0547



C1EF2B



786C6F



B80031



38000F

Previews

White Background



This preview shows how the Hex color 2B5FEF looks on a white background.

Color Contrast Check

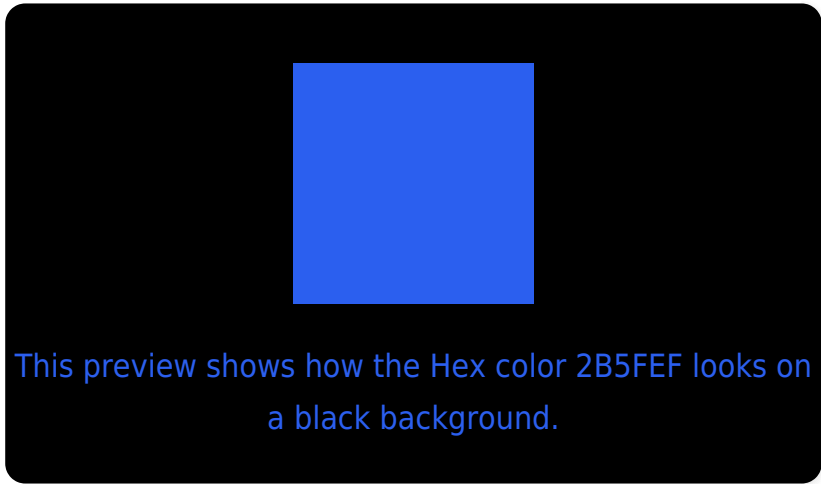
Large Text (above 18pt) WCAG AA ✓ Pass

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

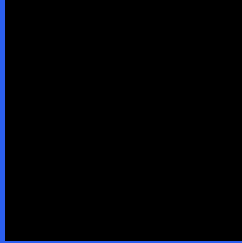
Any Text WCAG AA × Fail

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 2B5FEF Background



This preview shows how black text looks on a background with the Hex color 2B5FEF.

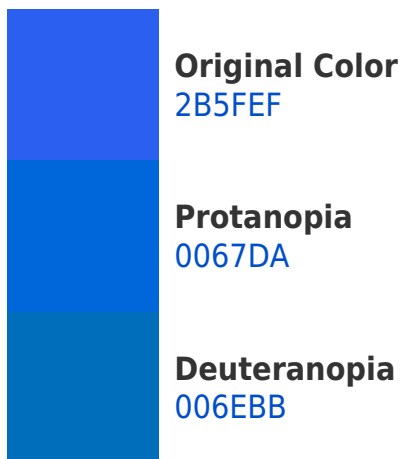


This preview shows how white text looks on a background with the Hex color 2B5FEF.

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](#).

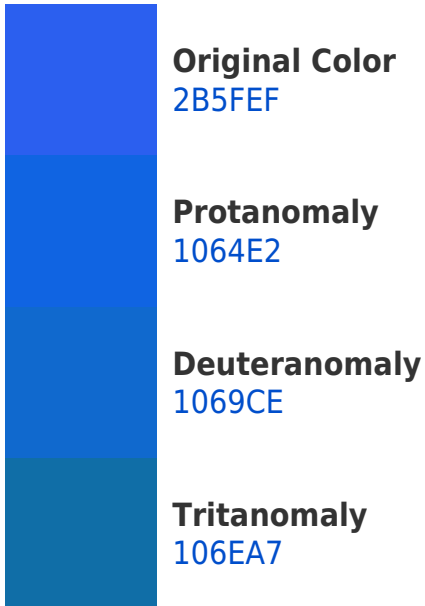
Dichromacy





Tritanopia
00777E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5FEF 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 #2B5FEF looks like.

```
.text, #text, p{  
    color:#2B5FEF  
}
```

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 #2B5FEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5FEF
}
```

Border

The CSS property to change the border of an element to Hex 2B5FEF 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
#2B5FEF }
```

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

```
.border{ border-color:#2B5FEF }
```

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

Here you see how a box with a 4 pixel #2B5FEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5FEF; -webkit-box-shadow:4px 4px  
4px 4px #2B5FEF; box-shadow:4px 4px 4px  
4px #2B5FEF }
```

Background

The CSS property to change the background color of an element to Hex 2B5FEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5FEF }
```

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

```
.background{ background-color:#2B5FEF }
```

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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