

Converting Colors

Hex(2B6EFE)

Have a look what the booklet for
Hex(2B6EFE) contains.

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Color

Hex(2B6EFE)

Conversions

Conversions Part 1

Format	Color
Hex	2B6EFE
RGB	43, 110, 254
RGB Percent	17%, 43%, 100%
CMY	0.8314, 0.5686, 0.0039
CMYK	0.83, 0.57, 0.00, 0.00
HSL	221°, 99%, 58%
HSV	221°, 83%, 100%
XYZ	24.4616, 18.8212, 96.1095
YIQ	106.3830, -86.1560, 30.5800

Conversions

Conversions Part 2

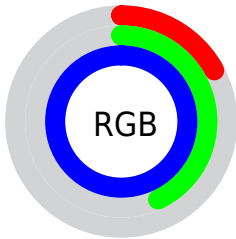
Format	Color
RYB	43, 94, 254
Decimal	2846462
CIELab	50.48, 31.50, -77.24
CIElCh	50, 83.413, 292.189
Yxy	18.8212, 0.1755, 0.1350
Android (android.graphics.Color)	4281036542 (0xFF2B6EFE)
YUV	106.3830, 72.7752, -55.5869
Hunter-Lab	43.3834, 24.7256, -100.9798

Details

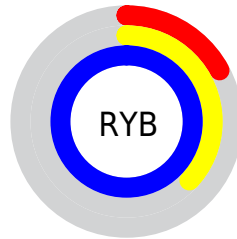
The Hex color **2B6EFE** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **FE9900**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7DA1FF**, and **0040C4** is the 20% darker color. If you saturate the color by 10%, you get **125DFE**, and if you desaturate by 10%, it is **447FFE**.

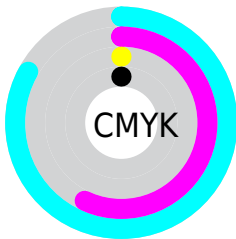
Distribution



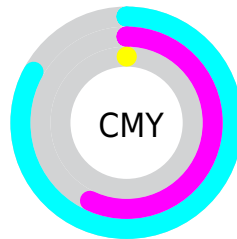
- Red (17%)
- Green (43%)
- Blue (100%)



- Red (17%)
- Yellow (37%)
- Blue (100%)



- Cyan (83%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (83%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6EFE 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 2B6EFE by changing the saturation by 10% instead.

 2B6EFE

 2B6EFE

FFFFFF

 0056E1

 7DA1FF

 0040C4

 9EBCFF

 002BA8

 BED7FF

 001A8D

 DEF4FF

 000073

FDFFFF

 000D59

 000740

 000329

 000113

■ 2B6EFE

■ 2B6EFE

■ 125DFE

■ 447FFE

■ 0051FE

■ 5E91FE

■ 77A2FE

■ 91B3FE

■ AAC5FE

■ C3D6FE

■ DDE7FE

■ F6F9FE

FFFFFE

Harmonies

Analogous

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



0087FF



2B6EFE



B843D1

Triad

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



2B6EFE



D34B00



009463

Complementary

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



2B6EFE



FEBB2B

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.



008F0A



2B6EFE



A26F00

Square

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



2B6EFE



EE0548



608400



0096AC

Rectangle

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



2B6EFE



DE15A5



608400



009349

Sweetspot

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



2B6EFE



BFD3FF



2BFEB8



596580



000000



808080

Same Dimension

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



2B6EFE



0051FF



4E2BFE



737780



003DBF



001440

Inverse Universe

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



FE2B6E



FF0051



DBFE2B



807377



BF003D



400014

Previews

White Background



This preview shows how the Hex color 2B6EFE looks on a white background.

Color Contrast Check

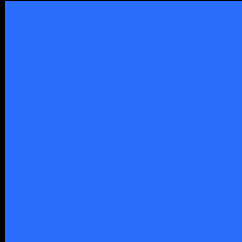
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B6EFE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

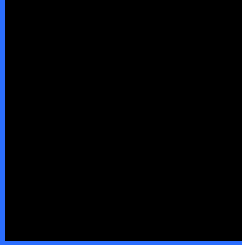
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

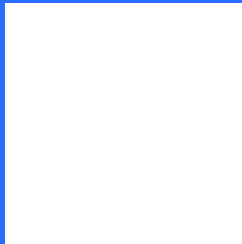
Any Text WCAG AAA × Fail

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

Hex 2B6EFE Background



This preview shows how black text looks on a background with the Hex color 2B6EFE.

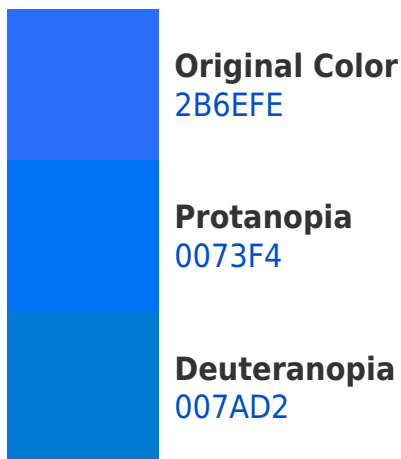


This preview shows how white text looks on a background with the Hex color 2B6EFE.

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](#).

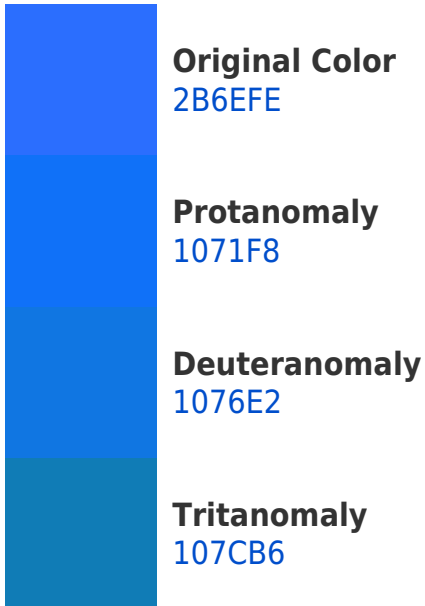
Dichromacy





Tritanopia
00848D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6EFE 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 #2B6EFE looks like.

```
.text, #text, p{  
    color:#2B6EFE  
}
```

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 #2B6EFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6EFE
}
```

Border

The CSS property to change the border of an element to Hex 2B6EFE is called "border". The border property can be set on classes, ids or directly on the HTML element.

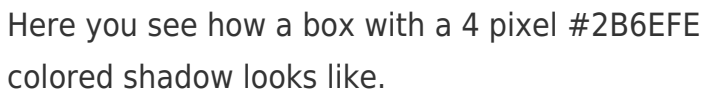
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B6EFE }
```

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

```
.border{ border-color:#2B6EFE }
```

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



Here you see how a box with a 4 pixel #2B6EFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6EFE; -webkit-box-shadow:4px 4px  
4px 4px #2B6EFE; box-shadow:4px 4px 4px  
4px #2B6EFE }
```

Background

The CSS property to change the background color of an element to Hex 2B6EFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6EFE }
```

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

```
.background{ background-color:#2B6EFE }
```

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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