

Converting Colors

Hex(2B5CEF)

Have a look what the booklet for
Hex(2B5CEF) contains.

Hex(2B5CEF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B5CEF)

Conversions

Conversions Part 1

Format	Color
Hex	2B5CEF
RGB	43, 92, 239
RGB Percent	17%, 36%, 94%
CMY	0.8314, 0.6392, 0.0627
CMYK	0.82, 0.62, 0.00, 0.06
HSL	225°, 86%, 55%
HSV	225°, 82%, 94%
XYZ	20.4034, 14.3999, 83.3654
YIQ	94.1070, -76.3910, 35.3290

Conversions

Conversions Part 2

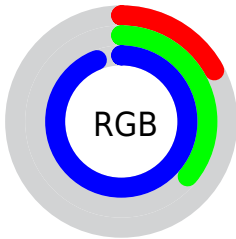
Format	Color
R _Y B	43, 82, 239
Decimal	2841839
CIE Lab	44.80, 37.31, -78.14
CIE LCh	45, 86.587, 295.523
Yxy	14.3999, 0.1727, 0.1219
Android (android.graphics.Color)	4281031919 (0xFF2B5CEF)
YUV	94.1070, 71.4322, -44.8208
Hunter-Lab	37.9472, 29.5681, -103.6901

Details

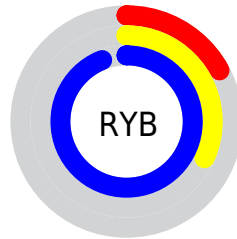
The Hex color **2B5CEF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **EFBE2B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7A8EFF**, and **002FB6** is the 20% darker color. If you saturate the color by 10%, you get **134AEF**, and if you desaturate by 10%, it is **436EEF**.

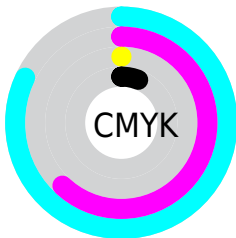
Distribution



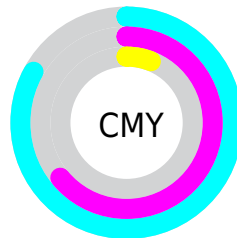
- Red (17%)
- Green (36%)
- Blue (94%)



- Red (17%)
- Yellow (32%)
- Blue (94%)



- Cyan (82%)
- Magenta (62%)
- Yellow (0%)
- Black (6%)



- Cyan (83%)
- Magenta (64%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B5CEF 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 2B5CEF by changing the saturation by 10% instead.

 2B5CEF

 2B5CEF

FFFFFF

 0045D2

 7A8EFF

 002FB6

 9BA8FF

 001C9A

 BAC3FF

 000B7F

 DADFFF

 000565

 F9FCFF

 00094C

 000434

 00021E

 000001

■ 2B5CEF

■ 2B5CEF

■ 134AEF

■ 436EEF

■ 003CEF

■ 5B80EF

■ 7392EF

■ 8BA4EF

■ A3B6EF

■ BAC8EF

■ D2D9EF

■ EAEBEF

■ FFFDEF

Harmonies

Analogous

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



0078FD



2B5CEF



B224BD

Triad

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



2B5CEF



BF3E00



00855D

Complementary

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



2B5CEF



EFBE2B

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.



008100



2B5CEF



8B6400

Square

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



2B5CEF



DE0032



447800



0087A7

Rectangle

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



2B5CEF



D40090



447800



008443

Sweetspot

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



2B5CEF



BFCFFF



2BEFBE



596380



000000



808080

Same Dimension

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



2B5CEF



0544FF



5C2BEF



6C6F78



002EB8



000E38

Inverse Universe

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



EF2B5C



FF0544



BEEF2B



786C6F



B8002E



38000E

Previews

White Background



This preview shows how the Hex color 2B5CEF looks on a white background.

Color Contrast Check

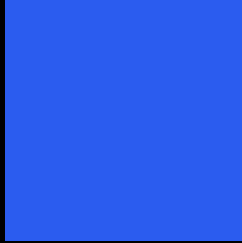
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2B5CEF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

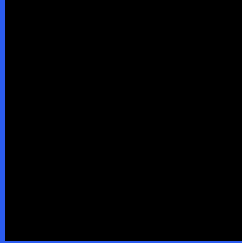
Any Text WCAG AA × Fail

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 2B5CEF Background



This preview shows how black text looks on a background with the Hex color 2B5CEF.



This preview shows how white text looks on a background with the Hex color 2B5CEF.

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](#).

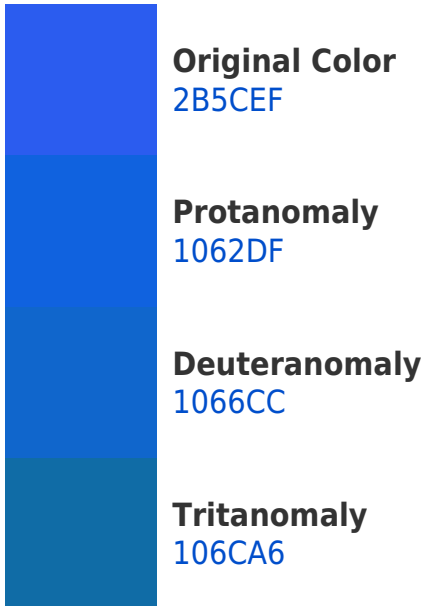
Dichromacy





Tritanopia
00757C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5CEF 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 #2B5CEF looks like.

```
.text, #text, p{  
  color:#2B5CEF  
}
```

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 #2B5CEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5CEF
}
```

Border

The CSS property to change the border of an element to Hex 2B5CEF 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
#2B5CEF }
```

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

```
.border{ border-color:#2B5CEF }
```

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

Here you see how a box with a 4 pixel #2B5CEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5CEF; -webkit-box-shadow:4px 4px  
4px 4px #2B5CEF; box-shadow:4px 4px 4px  
4px #2B5CEF }
```

Background

The CSS property to change the background color of an element to Hex 2B5CEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5CEF }
```

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

```
.background{ background-color:#2B5CEF }
```

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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