

# Converting Colors

Hex(1A3EFE)

Have a look what the booklet for  
Hex(1A3EFE) contains.

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# Color

**Hex(1A3EFE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1A3EFE
RGB	26, 62, 254
RGB Percent	10%, 24%, 100%
CMY	0.8980, 0.7569, 0.0039
CMYK	0.90, 0.76, 0.00, 0.00
HSL	231°, 99%, 55%
HSV	231°, 90%, 100%
XYZ	20.0380, 10.8206, 94.7984
YIQ	73.1240, -83.0880, 52.0800

# Conversions

## Conversions Part 2

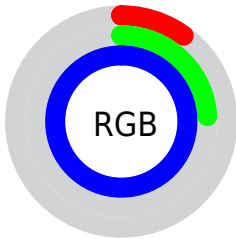
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 57, 254
Decimal	1720062
CIELab	39.28, 59.32, -95.67
CIELCh	39, 112.570, 301.802
Yxy	10.8206, 0.1595, 0.0861
Android (android.graphics.Color)	4279910142 (0xFF1A3EFE)
YUV	73.1240, 89.1719, -41.3277
Hunter-Lab	32.8947, 51.1687, -147.8400

# Details

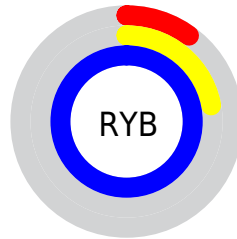
The Hex color **1A3EFE** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FEDA1A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7A70FF**, and **000FC4** is the 20% darker color. If you saturate the color by 10%, you get **0129FE**, and if you desaturate by 10%, it is **3353FE**.

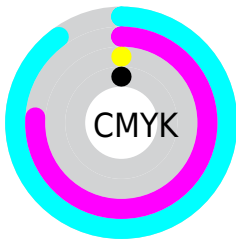
# Distribution



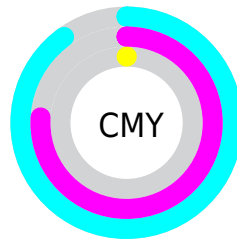
- Red (10%)
- Green (24%)
- Blue (100%)



- Red (10%)
- Yellow (22%)
- Blue (100%)



- Cyan (90%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (76%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A3EFE 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 1A3EFE by changing the saturation by 10% instead.



 1A3EFE

 1A3EFE

FFFFFF

 0026E1

 7A70FF

 000FC4

 9D8AFF

 0000A7

 BEA4FF

 00008C

 DFC0FF

 000B71

 FFDCFF

 000C58

 FFF9FF

 00063F

 000328

 000112

■ 1A3EFE

■ 1A3EFE

■ 0129FE

■ 3353FE

■ 0028FE

■ 4D69FE

■ 667EFE

■ 8094FE

■ 99A9FE

■ B2BEFE

■ CCD4FE

■ E5E9FE

FFFFFFE

# Harmonies

## Analogous

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



006CFF



1A3EFE



C500B6

# Triad

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



1A3EFE



B22700



007A60

# Complementary

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



1A3EFE



FEDA1A

# 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.



007700



1A3EFE



6D5C00

# Square

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



1A3EFE



E00000



007000



007CBD

# Rectangle

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



1A3EFE



E6007A



007000



00793F



# Sweetspot

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



1A3EFE



BAC5FF



1AFED8



575D80



000000



808080



# Same Dimension

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



1A3EFE



0028FF



661AFE



737580



001EBF



000A40



# Inverse Universe

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



FE1A3E



FF0028



B2FE1A



807375



BF001E

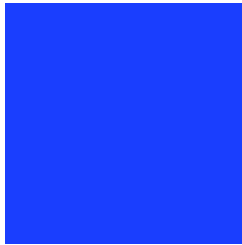


40000A



# Previews

## White Background



This preview shows how the Hex color 1A3EFE looks on a white background.

## Color Contrast Check

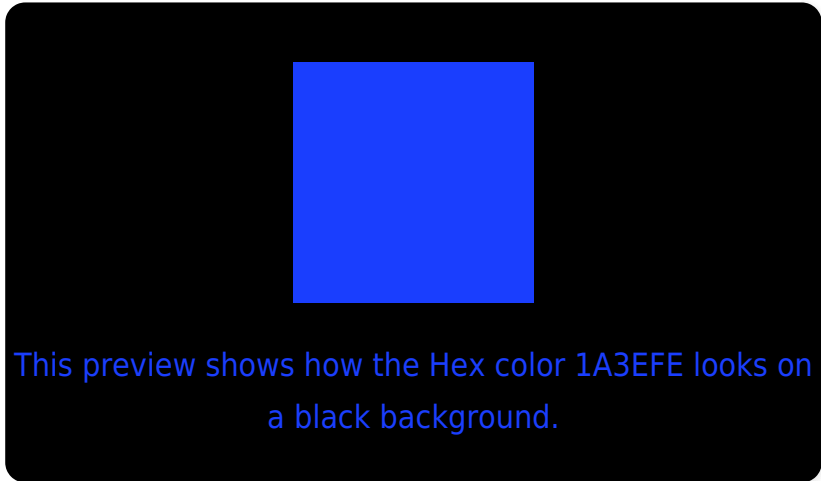
Large Text (above 18pt) WCAG AA ✓ Pass

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

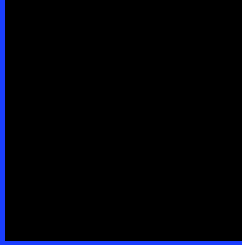
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A3EFE Background



This preview shows how black text looks on a background with the Hex color 1A3EFE.



This preview shows how white text looks on a background with the Hex color 1A3EFE.

# 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**  
00666B

# Trichromacy



**Original Color**  
1A3EFE

**Protanomaly**  
094FD2

**Deuteranomaly**  
0952C1

**Tritanomaly**  
0957A0

# Monochromacy



**Original Color**  
1A3EFE

**Achromatopsia**  
494949

**Achromatomaly**  
38458B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A3EFE 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 #1A3EFE looks like.

```
.text, #text, p{  
    color:#1A3EFE  
}
```

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 #1A3EFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3EFE
}
```

## Border

The CSS property to change the border of an element to Hex 1A3EFE is called "border". The border property can be set on classes, ids or directly on the HTML element.

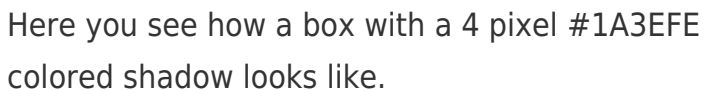
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A3EFE }
```

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

```
.border{ border-color:#1A3EFE }
```

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



Here you see how a box with a 4 pixel #1A3EFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3EFE; -webkit-box-shadow:4px 4px  
4px 4px #1A3EFE; box-shadow:4px 4px 4px  
4px #1A3EFE }
```

# Background

The CSS property to change the background color of an element to Hex 1A3EFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3EFE }
```

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

```
.background{ background-color:#1A3EFE }
```

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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