

# Converting Colors

Hex(2E0BFE)

Have a look what the booklet for  
Hex(2E0BFE) contains.

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# Color

Hex(2E0BFE)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E0BFE
RGB	46, 11, 254
RGB Percent	18%, 4%, 100%
CMY	0.8196, 0.9569, 0.0039
CMYK	0.82, 0.96, 0.00, 0.00
HSL	249°, 99%, 52%
HSV	249°, 96%, 100%
XYZ	19.1358, 7.9759, 94.2969
YIQ	49.1670, -57.1430, 82.9930

# Conversions

## Conversions Part 2

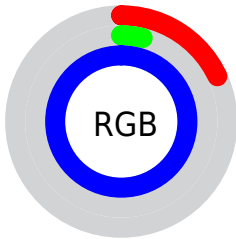
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 11, 254
Decimal	3017726
CIE Lab	33.93, 77.82, -104.55
CIE LCh	34, 130.331, 306.663
Yxy	7.9759, 0.1576, 0.0657
Android (android.graphics.Color)	4281207806 (0xFF2E0BFE)
YUV	49.1670, 100.9827, -2.7775
Hunter-Lab	28.2417, 71.5235, -178.1955

# Details

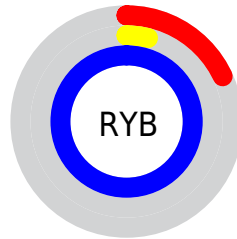
The Hex color **2E0BFE** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **DBFE0B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **854DFF**, and **0000C3** is the 20% darker color. If you saturate the color by 10%, you get **2500FE**, and if you desaturate by 10%, it is **4424FE**.

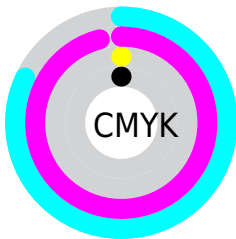
# Distribution



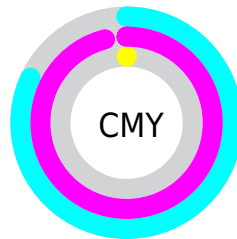
- Red (18%)
- Green (4%)
- Blue (100%)



- Red (18%)
- Yellow (4%)
- Blue (100%)



- Cyan (82%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (96%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E0BFE 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 2E0BFE by changing the saturation by 10% instead.



 2E0BFE

 2E0BFE

FFFFFF

 0000E0

 854DFF

 0000C3

 A768FF

 0000A7

 C984FF

 00008B

 E9A0FF

 000E71

 FFBCFF

 000C57

 FFD9FF

 00063F

 FFF6FF

 000328

 000111

■ 2E0BFE

■ 2E0BFE

■ 2500FE

■ 4424FE

■ 593EFE

■ 6F57FE

■ 8571FE

■ 9B8AFE

■ B0A3FE

■ C6BDFE

■ DCD6FE

■ F2F0FE

# Harmonies

## Analogous

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



0060FF



2E0BFE



CF00A5

# Triad

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



2E0BFE



9F1900



006D66

# Complementary

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



2E0BFE



DBFE0B

# 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.



006A00



2E0BFE



4D5500

# Square

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



2E0BFE



D80000



006500



0071CE

# Rectangle

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



2E0BFE



EC0061



006500



006C41



# Sweetspot

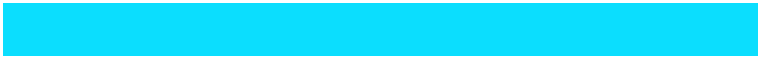
The Sweet Spot groups the original color and five complimentary colors.



2E0BFE



C0B5FF



0BDEFE



595380



000000



808080



# Same Dimension

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



2E0BFE



2500FF



A50BFE



757380



1C00BF



090040



# Inverse Universe

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



FE0BDB



FF00DA



64FE0B



80737E



BF00A4

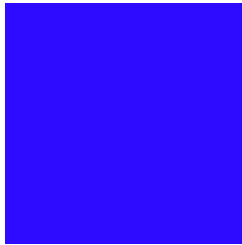


400037



# Previews

## White Background



This preview shows how the Hex color 2E0BFE looks on a white background.

## Color Contrast Check

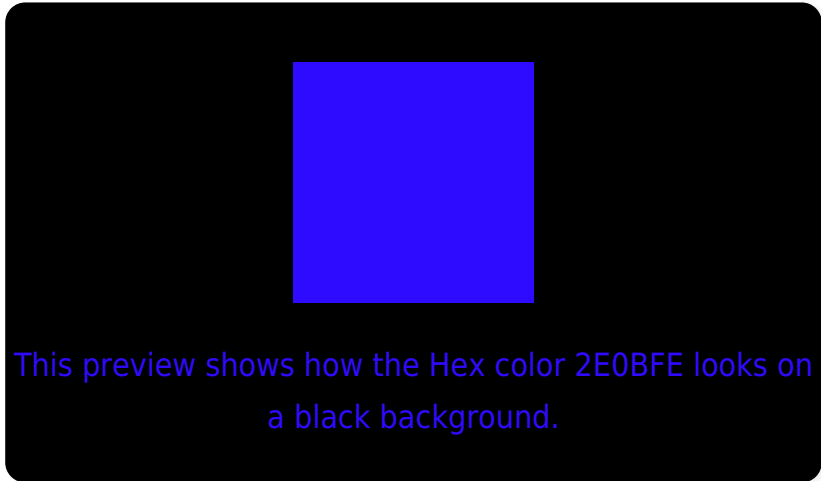
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 2E0BFE Background



This preview shows how black text looks on a background with the Hex color 2E0BFE.



This preview shows how white text looks on a background with the Hex color 2E0BFE.

# 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



**Original Color**  
2E0BFE

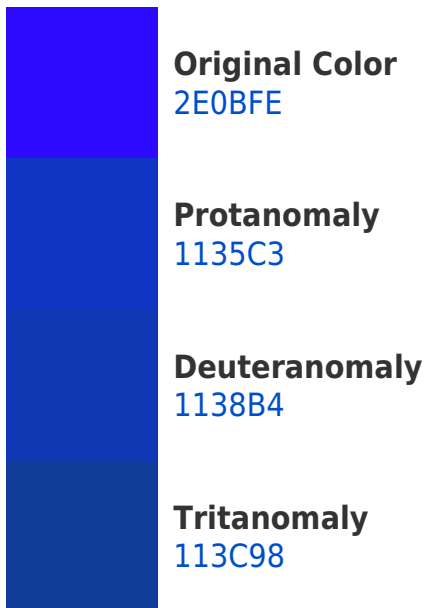
**Protanopia**  
004DA1

**Deuteranopia**  
005289

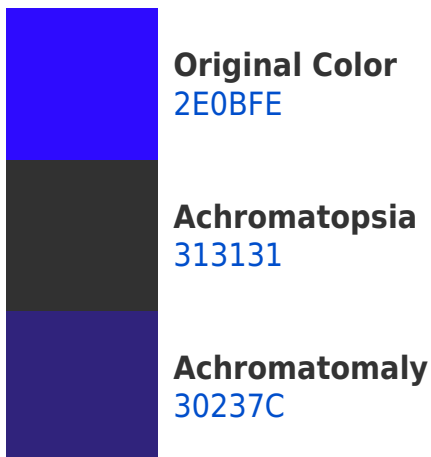


**Tritanopia**  
00585D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E0BFE 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 #2E0BFE looks like.

```
.text, #text, p{  
    color:#2E0BFE  
}
```

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 #2E0BFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0BFE
}
```

## Border

The CSS property to change the border of an element to Hex 2E0BFE 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
#2E0BFE }
```

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

```
.border{ border-color:#2E0BFE }
```

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

Here you see how a box with a 4 pixel #2E0BFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0BFE; -webkit-box-shadow:4px 4px  
4px 4px #2E0BFE; box-shadow:4px 4px 4px  
4px #2E0BFE }
```

# Background

The CSS property to change the background color of an element to Hex 2E0BFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0BFE }
```

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

```
.background{ background-color:#2E0BFE }
```

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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