

Converting Colors

Hex(2E0BFF)

Have a look what the booklet for
Hex(2E0BFF) contains.

Hex(2E0BFF)	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(2E0BFF)

Conversions

Conversions Part 1

Format	Color
Hex	2E0BFF
RGB	46, 11, 255
RGB Percent	18%, 4%, 100%
CMY	0.8196, 0.9569, 0.0000
CMYK	0.82, 0.96, 0.00, 0.00
HSL	249°, 100%, 52%
HSV	249°, 96%, 100%
XYZ	19.2964, 8.0402, 95.1426
YIQ	49.2810, -57.4640, 83.3040

Conversions

Conversions Part 2

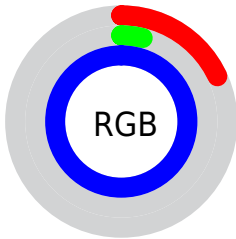
Format	Color
R_{YB}	46, 11, 255
Decimal	3017727
CIE _{Lab}	34.07, 78.06, -104.88
CIE _{LCh}	34, 130.746, 306.659
Yxy	8.0402, 0.1575, 0.0656
Android (android.graphics.Color)	4281207807 (0xFF2E0BFF)
YUV	49.2810, 101.4195, -2.8774
Hunter-Lab	28.3552, 71.8517, -179.0920

Details

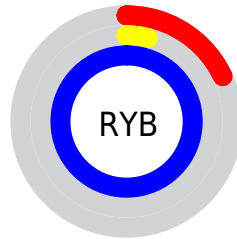
The Hex color **2E0BFF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **DCFF0B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **854DFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **2500FF**, and if you desaturate by 10%, it is **4424FF**.

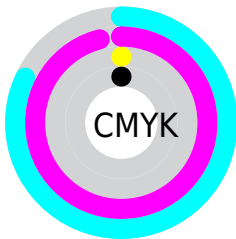
Distribution



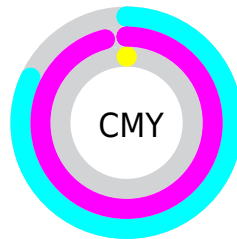
- Red (18%)
- Green (4%)
- Blue (100%)



- 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 2E0BFF 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 2E0BFF by changing the saturation by 10% instead.

 2E0BFF

 2E0BFF

FFFFFF

 0000E1

 854DFF

 0000C4

 A768FF

 0000A8

 C984FF

 00008C

 EAA0FF

 000E71

 FFBCFF

 000C58

 FFD9FF

 00073F

 FFF7FF

 000329

 000112

 2E0BFF

 2E0BFF

 2500FF

 4424FF

 5A3EFF

 7058FF

 8571FF

 9B8BFF

 B1A4FF

 C7BEFF

 DDD7FF

 F3F1FF

Harmonies

Analogous

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



0060FF



2E0BFF



D000A5

Triad

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



2E0BFF



9F1900



006D66

Complementary

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



2E0BFF



DCFF0B

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



2E0BFF



4E5500

Square

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



2E0BFF



D80000



006600



0071CF

Rectangle

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



2E0BFF



ED0061



006600



006C42

Sweetspot

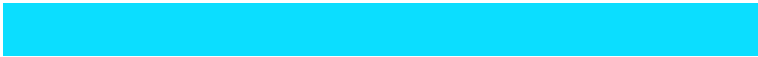
The Sweet Spot groups the original color and five complimentary colors.



2E0BFF



C0B5FF



0BDEFF



595380



000000



808080

Same Dimension

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



2E0BFF



2500FF



A60BFF



757380



1B00BF



090040

Inverse Universe

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



FF0BDC



FF00DA



64FF0B



80737E



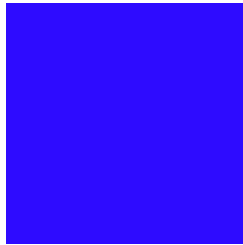
BF00A4



400037

Previews

White Background



This preview shows how the Hex color 2E0BFF looks on a white background.

Color Contrast Check

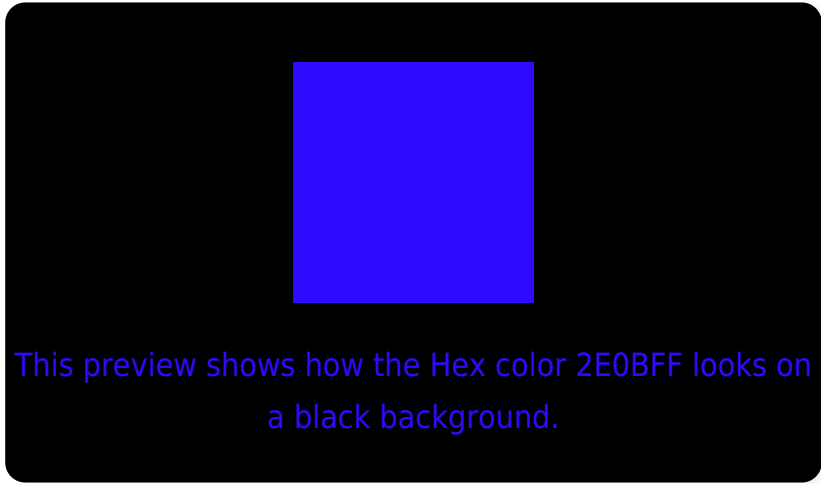
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E0BFF Background



This preview shows how black text looks on a background with the Hex color 2E0BFF.



This preview shows how white text looks on a background with the Hex color 2E0BFF.

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
2E0BFF

Protanopia
004DA2

Deuteranopia
005289



Tritanopia
00595D

Trichromacy



Original Color
2E0BFF

Protanomaly
1135C4

Deuteranomaly
1138B4

Tritanomaly
113D98

Monochromacy



Original Color
2E0BFF

Achromatopsia
313131

Achromatomaly
30237C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E0BFF 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 #2E0BFF looks like.

```
.text, #text, p{  
    color:#2E0BFF  
}
```

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 #2E0BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0BFF
}
```

Border

The CSS property to change the border of an element to Hex 2E0BFF 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
#2E0BFF }
```

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

```
.border{ border-color:#2E0BFF }
```

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

Here you see how a box with a 4 pixel #2E0BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0BFF; -webkit-box-shadow:4px 4px  
4px 4px #2E0BFF; box-shadow:4px 4px 4px  
4px #2E0BFF }
```

Background

The CSS property to change the background color of an element to Hex 2E0BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0BFF }
```

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

```
.background{ background-color:#2E0BFF }
```

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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