

Converting Colors

Hex(2E0AEB)

Have a look what the booklet for
Hex(2E0AEB) contains.

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Color

Hex(2E0AEB)

Conversions

Conversions Part 1

Format	Color
Hex	2E0AEB
RGB	46, 10, 235
RGB Percent	18%, 4%, 92%
CMY	0.8196, 0.9608, 0.0784
CMYK	0.80, 0.96, 0.00, 0.08
HSL	250°, 92%, 48%
HSV	250°, 96%, 92%
XYZ	16.2307, 6.7961, 79.0536
YIQ	46.4140, -50.7690, 77.6070

Conversions

Conversions Part 2

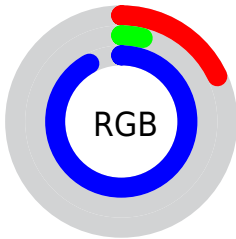
Format	Color
R_{YB}	46, 10, 235
Decimal	3017451
CIE _{Lab}	31.34, 73.35, -98.14
CIE _{LCh}	31, 122.524, 306.776
Yxy	6.7961, 0.1590, 0.0666
Android (android.graphics.Color)	4281207531 (0xFF2E0AEB)
YUV	46.4140, 92.9729, -0.3631
Hunter-Lab	26.0693, 65.5122, -161.5449

Details

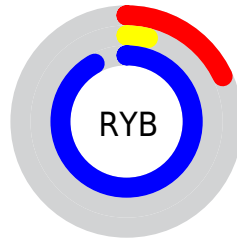
The Hex color **2E0AEB** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **C7EB0A**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **804AFF**, and **0000B1** is the 20% darker color. If you saturate the color by 10%, you get **2600EB**, and if you desaturate by 10%, it is **4221EB**.

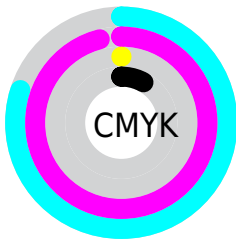
Distribution



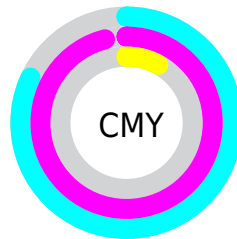
- Red (18%)
- Green (4%)
- Blue (92%)



- Red (18%)
- Yellow (4%)
- Blue (92%)



- Cyan (80%)
- Magenta (96%)
- Yellow (0%)
- Black (8%)



- Cyan (82%)
- Magenta (96%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E0AEB 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 2E0AEB by changing the saturation by 10% instead.

 2E0AEB

 2E0AEB

FFFFFF

 0000CE

 804AFF

 0000B1

 A265FF

 000096

 C280FF

 00007A

 E39CFF

 000F60

 FF88FF

 000848

 FFD5FF

 000430

 FFF2FF

 00011A

 000000

■ 2E0AEB

■ 2E0AEB

■ 2600EB

■ 4221EB

■ 5539EB

■ 6951EB

■ 7D68EB

■ 917FEB

■ A497EB

■ B8AFEB

■ CCC6EB

■ E0DDEB

Harmonies

Analogous

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



0058FF



2E0AEB



C00098

Triad

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



2E0AEB



931800



00655F

Complementary

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



2E0AEB



C7EB0A

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.



006200



2E0AEB



474F00

Square

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



2E0AEB



C80000



005E00



0068BF

Rectangle

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



2E0AEB



DB0059



005E00



00643D

Sweetspot

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



2E0AEB



C1B5FF



0AC9EB



5A5380



000000



808080

Same Dimension

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



2E0AEB



2900FF



9C0AEB



6B6A75



1D00B5



090036

Inverse Universe

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



EB0AC7



FF00D6



59EB0A



756A73



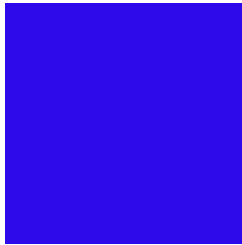
B50098



36002D

Previews

White Background



This preview shows how the Hex color 2E0AEB looks on a white background.

Color Contrast Check

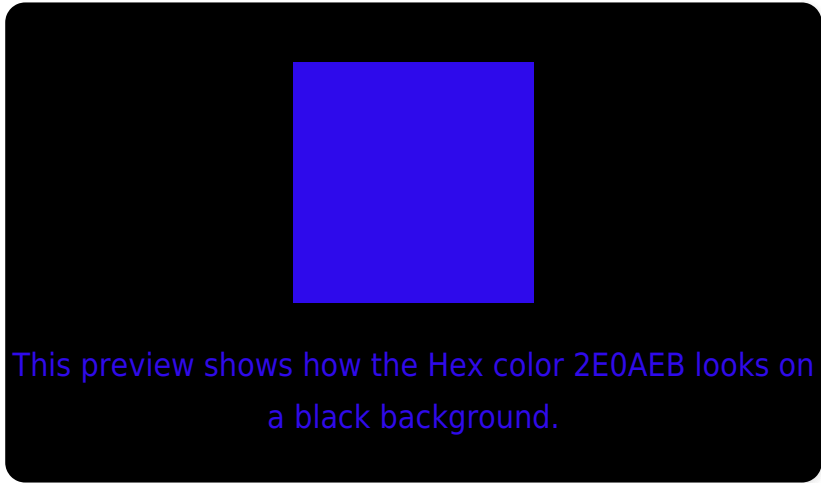
Large Text (above 18pt) WCAG AA ✓ Pass

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

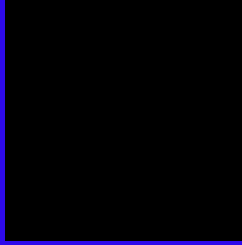
Any Text WCAG AA × Fail

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 2E0AEB Background



This preview shows how black text looks on a background with the Hex color 2E0AEB.



This preview shows how white text looks on a background with the Hex color 2E0AEB.

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
2E0AEB

Protanopia
004896

Deuteranopia
004C7F

Trichromacy



Original Color
2E0AEB

Protanomaly
1131B5

Deuteranomaly
1134A6

Tritanomaly
11388C

Monochromacy



Original Color
2E0AEB

Achromatopsia
2E2E2E

Achromatomaly
2E2173

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E0AEB 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 #2E0AEB looks like.

```
.text, #text, p{  
    color:#2E0AEB  
}
```

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 #2E0AEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E0AEB
}
```

Border

The CSS property to change the border of an element to Hex 2E0AEB 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".

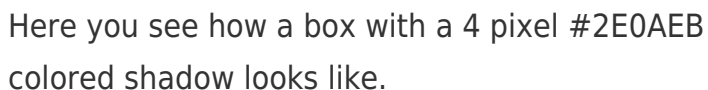
```
.border, #border, table{ border:4px solid
#2E0AEB }
```

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

```
.border{ border-color:#2E0AEB }
```

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

Here you see how a box with a 4 pixel #2E0AEB colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E0AEB; -webkit-box-shadow:4px 4px  
4px 4px #2E0AEB; box-shadow:4px 4px 4px  
4px #2E0AEB }
```

Background

The CSS property to change the background color of an element to Hex 2E0AEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E0AEB }
```

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

```
.background{ background-color:#2E0AEB }
```

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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