

Converting Colors

Hex(2B0AF5)

Have a look what the booklet for
Hex(2B0AF5) contains.

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Color

Hex(2B0AF5)

Conversions

Conversions Part 1

Format	Color
Hex	2B0AF5
RGB	43, 10, 245
RGB Percent	17%, 4%, 96%
CMY	0.8314, 0.9608, 0.0392
CMYK	0.82, 0.96, 0.00, 0.04
HSL	248°, 92%, 50%
HSV	248°, 96%, 96%
XYZ	17.5862, 7.3232, 86.8728
YIQ	46.6570, -55.7670, 80.0810

Conversions

Conversions Part 2

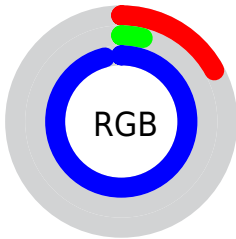
Format	Color
RYB	43, 10, 245
Decimal	2820853
CIELab	32.53, 75.73, -101.82
CIELCh	33, 126.894, 306.639
Yxy	7.3232, 0.1573, 0.0655
Android (android.graphics.Color)	4281010933 (0xFF2B0AF5)
YUV	46.6570, 97.7831, -3.2072
Hunter-Lab	27.0615, 68.6427, -171.3897

Details

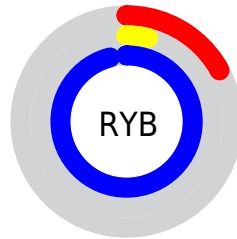
The Hex color **2B0AF5** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **D4F50A**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **814BFF**, and **0000BB** is the 20% darker color. If you saturate the color by 10%, you get **2200F5**, and if you desaturate by 10%, it is **4022F5**.

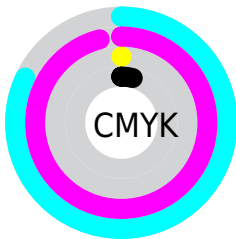
Distribution



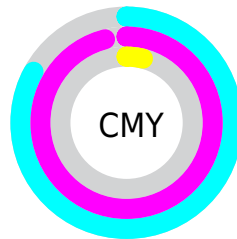
- Red (17%)
- Green (4%)
- Blue (96%)



- Red (17%)
- Yellow (4%)
- Blue (96%)



- Cyan (82%)
- Magenta (96%)
- Yellow (0%)
- Black (4%)



- Cyan (83%)
- Magenta (96%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B0AF5 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 2B0AF5 by changing the saturation by 10% instead.

 2B0AF5

 2B0AF5

FFFFFF

 0000D8

 814BFF

 0000BB

 A366FF

 00009F

 C582FF

 000083

 E59EFF

 001169

 FFBAFF

 000A50

 FFD7FF

 000538

 FFF4FF

 000221

 000007

■ 2B0AF5

■ 2B0AF5

■ 2200F5

■ 4022F5

■ 553BF5

■ 6A54F5

■ 7F6CF5

■ 9484F5

■ A99DF5

■ BEB6F5

■ D3CEF5

■ E9E7F5

Harmonies

Analogous

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



005CFF



2B0AF5



C8009F

Triad

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



2B0AF5



991700



006862

Complementary

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



2B0AF5



D4F50A

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.



006600



2B0AF5



4A5100

Square

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



2B0AF5



D00000



006100



006CC7

Rectangle

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



2B0AF5



E3005D



006100



00673F

Sweetspot

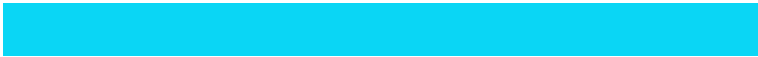
The Sweet Spot groups the original color and five complimentary colors.



2B0AF5



BFB5FF



0AD6F5



595380



000000



808080

Same Dimension

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



2B0AF5



2400FF



9F0AF5



706E7A



1A00BA



08003B

Inverse Universe

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



F50AD4



FF00DB



60F50A



7A6E79



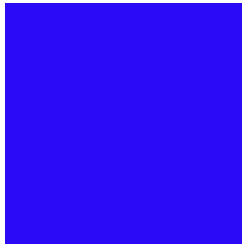
BA00A0



3B0032

Previews

White Background



This preview shows how the Hex color 2B0AF5 looks on a white background.

Color Contrast Check

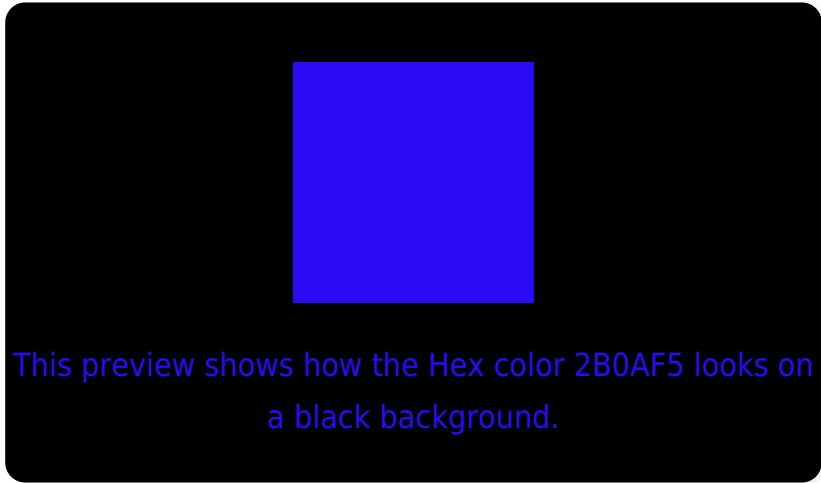
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B0AF5 Background



This preview shows how black text looks on a background with the Hex color 2B0AF5.

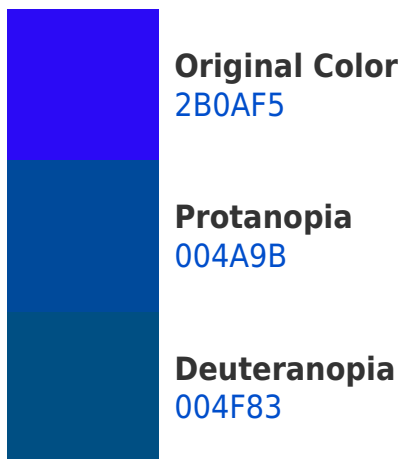


This preview shows how white text looks on a background with the Hex color 2B0AF5.

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



Trichromacy



Original Color
2B0AF5

Protanomaly
1033BC

Deuteranomaly
1036AC

Monochromacy



Original Color
2B0AF5

Achromatopsia
2F2F2F

Achromatomaly
2E2277

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B0AF5 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 #2B0AF5 looks like.

```
.text, #text, p{  
    color:#2B0AF5  
}
```

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 #2B0AF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0AF5
}
```

Border

The CSS property to change the border of an element to Hex 2B0AF5 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".

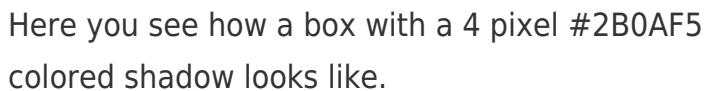
```
.border, #border, table{ border:4px solid
#2B0AF5 }
```

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

```
.border{ border-color:#2B0AF5 }
```

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

Here you see how a box with a 4 pixel #2B0AF5 colored shadow looks like.

A rectangular box with a 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 #2B0AF5; -webkit-box-shadow:4px 4px  
4px 4px #2B0AF5; box-shadow:4px 4px 4px  
4px #2B0AF5 }
```

Background

The CSS property to change the background color of an element to Hex 2B0AF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0AF5 }
```

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

```
.background{ background-color:#2B0AF5 }
```

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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