

Converting Colors

Hex(2B1BE2)

Have a look what the booklet for
Hex(2B1BE2) contains.

Hex(2B1BE2)	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(2B1BE2)

Conversions

Conversions Part 1

Format	Color
Hex	2B1BE2
RGB	43, 27, 226
RGB Percent	17%, 11%, 89%
CMY	0.8314, 0.8941, 0.1137
CMYK	0.81, 0.88, 0.00, 0.11
HSL	245°, 79%, 50%
HSV	245°, 88%, 89%
XYZ	15.1157, 6.7884, 72.4651
YIQ	54.4700, -54.3430, 65.2810

Conversions

Conversions Part 2

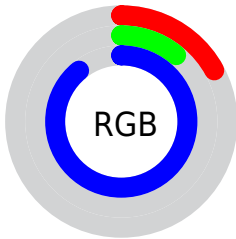
Format	Color
R_{YB}	43, 27, 226
Decimal	2825186
CIE Lab	31.32, 66.93, -93.03
CIE LCh	31, 114.603, 305.732
Yxy	6.7884, 0.1602, 0.0719
Android (android.graphics.Color)	4281015266 (0xFF2B1BE2)
YUV	54.4700, 84.5643, -10.0592
Hunter-Lab	26.0546, 57.9616, -146.6635




Details

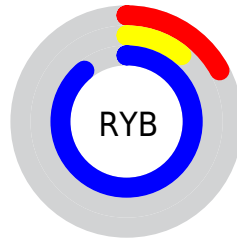
The Hex color **2B1BE2** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **D2E21B**, and the grayscale version is **363636**.




A 20% lighter version of the original color is **7C51FF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **1604E2**, and if you desaturate by 10%, it is **4032E2**.

Distribution







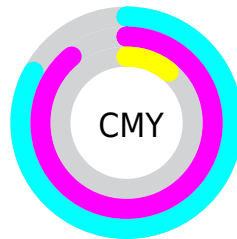
-  Red (17%)
-  Green (11%)
-  Blue (89%)






-  Red (17%)
-  Yellow (11%)
-  Blue (89%)



-  Cyan (81%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (11%)



-  Cyan (83%)
-  Magenta (89%)
-  Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B1BE2 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 2B1BE2 by changing the saturation by 10% instead.

■ 2B1BE2

■ 2B1BE2

FFFFFF

■ 0000C5

■ 7C51FF

■ 0000A9

■ 9D6CFF

■ 00008D

■ BD86FF

■ 000073

■ DDA2FF

■ 000D59

■ FDBEFF

■ 000740

■ FFDAFF

■ 000329

■ FFF7FF

■ 000113

■ 000000

■ 2B1BE2

■ 2B1BE2

■ 1604E2

■ 4032E2

■ 1200E2

■ 5548E2

■ 695FE2

■ 7E75E2

■ 938CE2

■ A8A3E2

■ BCB9E2

■ D1D0E2

■ E6E6E2

Harmonies

Analogous

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



0057FF



2B1BE2



B70096

Triad

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



2B1BE2



921B00



00645A

Complementary

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



2B1BE2



D2E21B

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.



006100



2B1BE2



4C4D00

Square

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



2B1BE2



C20000



005D00



0067B4

Rectangle

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



2B1BE2



D1005B



005D00



00633A

Sweetspot

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



2B1BE2



C2BDFE



1BD5E2



5B5880



000000



808080

Same Dimension

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



2B1BE2



1500FF



8C1BE2



666570



0E00B0



040030

Inverse Universe

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



E21BD2



FF00EA



71E21B



70656F



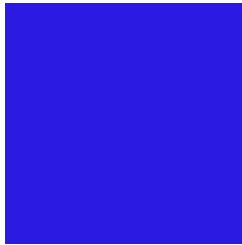
B000A2



30002D

Previews

White Background



This preview shows how the Hex color 2B1BE2 looks on a white background.

Color Contrast Check

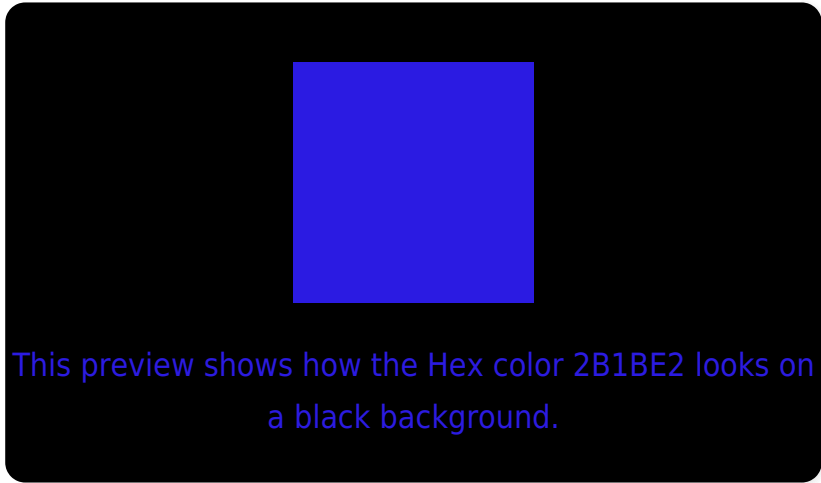
Large Text (above 18pt) WCAG AA ✓ Pass

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

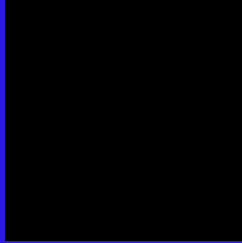
Any Text WCAG AA × Fail

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 2B1BE2 Background



This preview shows how black text looks on a background with the Hex color 2B1BE2.



This preview shows how white text looks on a background with the Hex color 2B1BE2.

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
2B1BE2

Protanopia
004795

Deuteranopia
004C7E

Trichromacy



Original Color
2B1BE2

Protanomaly
1037B1

Deuteranomaly
103AA2

Tritanomaly
103E89

Monochromacy



Original Color
2B1BE2

Achromatopsia
363636

Achromatomaly
322C75

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B1BE2 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 #2B1BE2 looks like.

```
.text, #text, p{  
    color:#2B1BE2  
}
```

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 #2B1BE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B1BE2
}
```

Border

The CSS property to change the border of an element to Hex 2B1BE2 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".

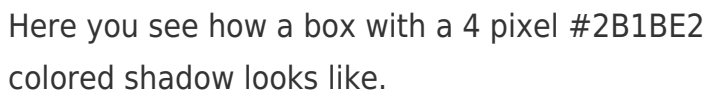
```
.border, #border, table{ border:4px solid
#2B1BE2 }
```

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

```
.border{ border-color:#2B1BE2 }
```

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

Here you see how a box with a 4 pixel #2B1BE2 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B1BE2; -webkit-box-shadow:4px 4px  
4px 4px #2B1BE2; box-shadow:4px 4px 4px  
4px #2B1BE2 }
```

Background

The CSS property to change the background color of an element to Hex 2B1BE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B1BE2 }
```

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

```
.background{ background-color:#2B1BE2 }
```

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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