

Converting Colors

Hex(BC30ED)

Have a look what the booklet for
Hex(BC30ED) contains.

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Color

Hex(**BC30ED**)

Conversions

Conversions Part 1

Format	Color
Hex	BC30ED
RGB	188, 48, 237
RGB Percent	74%, 19%, 93%
CMY	0.2627, 0.8118, 0.0706
CMYK	0.21, 0.80, 0.00, 0.07
HSL	284°, 84%, 56%
HSV	284°, 80%, 93%
XYZ	37.0821, 18.9197, 81.8182
YIQ	111.4060, 22.7710, 88.4590

Conversions

Conversions Part 2

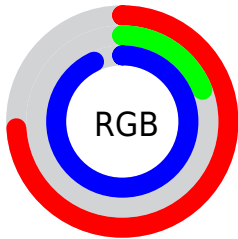
Format	Color
R _{YB}	188, 48, 237
Decimal	12333293
CIE _{Lab}	50.59, 78.31, -67.01
CIE _{LCh}	51, 103.070, 319.447
Y _{xy}	18.9197, 0.2691, 0.1373
Android (android.graphics.Color)	4290523373 (0xFFBC30ED)
YUV	111.4060, 61.9178, 67.1729
Hunter-Lab	43.4968, 76.0562, -81.0778

Details

The Hex color **BC30ED** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **61ED30**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **F86FFF**, and **8100B4** is the 20% darker color. If you saturate the color by 10%, you get **B618ED**, and if you desaturate by 10%, it is **C248ED**.

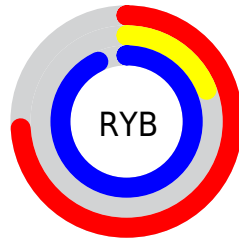
Distribution



Red (74%)

Green (19%)

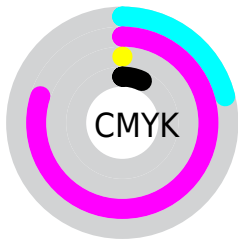
Blue (93%)



Red (74%)

Yellow (19%)

Blue (93%)

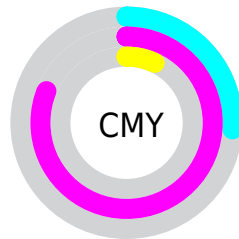


Cyan (21%)

Magenta (80%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (81%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC30ED 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 BC30ED by changing the saturation by 10% instead.

 BC30ED

 BC30ED

FFFFFF

 9E00D0

 F86FFF

 8100B4

 FF8CFF

 640098

 FFA9FF

 46007E

 FFC7FF

 290064

 FFE4FF

 00004B

 000433

 00021D

 000000

 BC30ED

 BC30ED

 B618ED

 C248ED

 B001ED

 C85FED

 B000ED

 CE77ED

 D58FED

 DBA6ED

 E1BEED

 E7D6ED

 EDEEED

 F3FFED

Harmonies

Analogous

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



0071FF



BC30ED



FE009B

Triad

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



BC30ED



AC6A00



009AB1

Complementary

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



BC30ED



61ED30

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.



009855



BC30ED



5C8500

Square

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



BC30ED



E72F00



009200



0099FF

Rectangle

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



BC30ED



FF0062



009200



009A93

Sweetspot

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



BC30ED



EFC2FF



3062ED



765B80



000000



808080

Same Dimension

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



BC30ED



C00AFF



ED30C1



726A75



8600B5



280036

Inverse Universe

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



ED3061



FF0A4A



30ED5C



756A6D



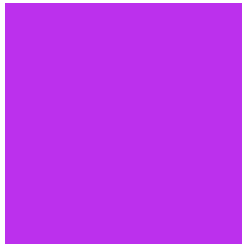
B5002F



36000E

Previews

White Background



This preview shows how the Hex color BC30ED looks on a white background.

Color Contrast Check

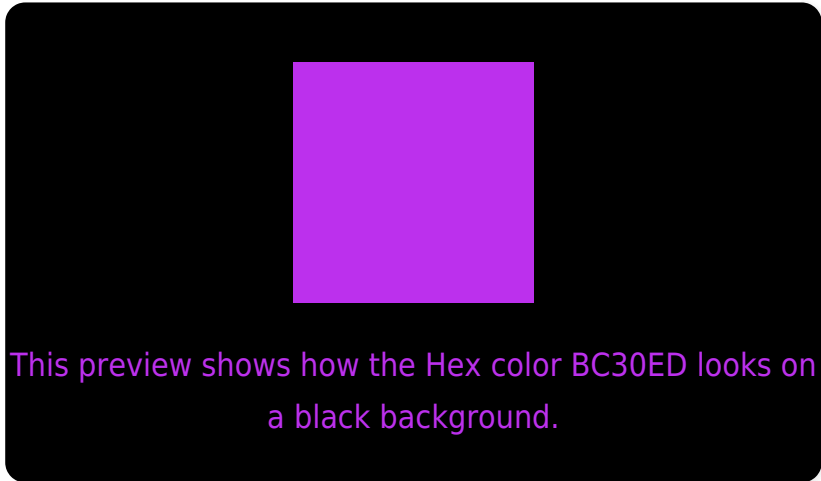
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BC30ED Background



This preview shows how black text looks on a background with the Hex color BC30ED.

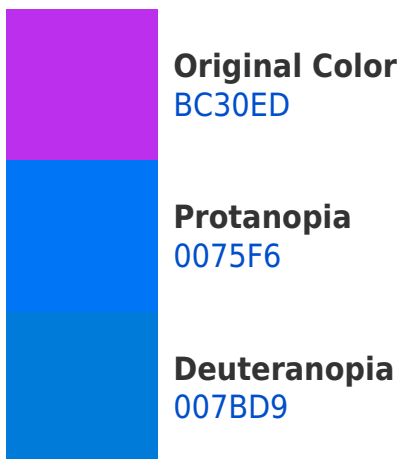



This preview shows how white text looks on a background with the Hex color BC30ED.

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





Tritanopia
A9656C

Trichromacy



Original Color
BC30ED



Protanomaly
445CF3



Deuteranomaly
4460E0



Tritanomaly
B0529B

Monochromacy



Original Color
BC30ED



Achromatopsia
6F6F6F



Achromatomaly
8B589D

CSS Examples

Text

The CSS property to change the color of the text to Hex BC30ED 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 #BC30ED looks like.

```
.text, #text, p{  
    color:#BC30ED  
}
```

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 #BC30ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC30ED
}
```

Border

The CSS property to change the border of an element to Hex BC30ED 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
#BC30ED }
```

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

```
.border{ border-color:#BC30ED }
```

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

Here you see how a box with a 4 pixel #BC30ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC30ED; -webkit-box-shadow:4px 4px  
4px 4px #BC30ED; box-shadow:4px 4px 4px  
4px #BC30ED }
```

Background

The CSS property to change the background color of an element to Hex BC30ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC30ED }
```

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

```
.background{ background-color:#BC30ED }
```

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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