

Converting Colors

Hex(B16CED)

Have a look what the booklet for
Hex(B16CED) contains.

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Color

Hex(**B16CED**)

Conversions

Conversions Part 1

Format	Color
Hex	B16CED
RGB	177, 108, 237
RGB Percent	69%, 42%, 93%
CMY	0.3059, 0.5765, 0.0706
CMYK	0.25, 0.54, 0.00, 0.07
HSL	272°, 78%, 68%
HSV	272°, 54%, 93%
XYZ	38.7801, 26.1867, 83.1314
YIQ	143.3370, -0.2850, 54.7470

Conversions

Conversions Part 2

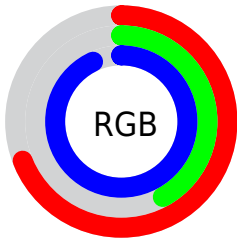
Format	Color
RYB	177, 108, 237
Decimal	11627757
CIELab	58.21, 50.96, -54.84
CIELCh	58, 74.862, 312.899
Yxy	26.1867, 0.2619, 0.1768
Android (android.graphics.Color)	4289817837 (0xFFB16CED)
YUV	143.3370, 46.1759, 29.5225
Hunter-Lab	51.1729, 45.7191, -60.4967

Details

The Hex color **B16CED** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A8ED6C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **EBA2FF**, and **7938B4** is the 20% darker color. If you saturate the color by 10%, you get **A654ED**, and if you desaturate by 10%, it is **BC84ED**.

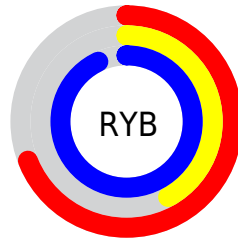
Distribution



Red (69%)

Green (42%)

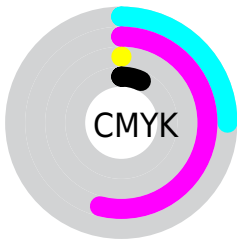
Blue (93%)



Red (69%)

Yellow (42%)

Blue (93%)

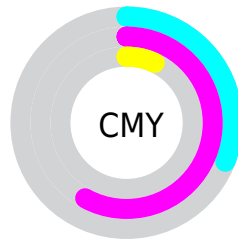


Cyan (25%)

Magenta (54%)

Yellow (0%)

Black (7%)



Cyan (31%)

Magenta (58%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color B16CED 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 B16CED by changing the saturation by 10% instead.

 B16CED

 B16CED

FFFFFF

 9552D0

 EBA2FF

 7938B4

 FFBDFE

 5D1E99

 FFDAFF

 41007E

 FFF7FF

 230065

 03004C

 000434

 00021E

 000000

 B16CED

 B16CED

 A654ED

 BC84ED

 9B3DED

 C79BED

 9025ED

 D2B3ED

 850DED

 DDCBED

 7F00ED

 E8E3ED

 F3FAED

 FEFFED

 FFFFED

Harmonies

Analogous

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



008AFF



B16CED



ED4AB4

Triad

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



B16CED



C77B00



00A9A7

Complementary

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



B16CED



A8ED6C

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.



00A763



B16CED



8F9200

Square

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



B16CED



EF5C34



3FA01B



00A7E4

Rectangle

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



B16CED



FD3F88



3FA01B



00A991

Sweetspot

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



B16CED



ECD6FF



6CA8ED



746780



000000



808080

Same Dimension

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



B16CED



B259FF



ED6CE9



706A75



6100B5



1D0036

Inverse Universe

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



ED6CA8



FF59A6



6CED70



756A6F



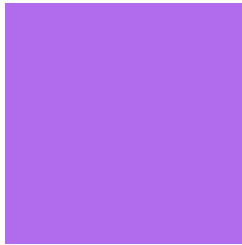
B50054



360019

Previews

White Background



This preview shows how the Hex color B16CED 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

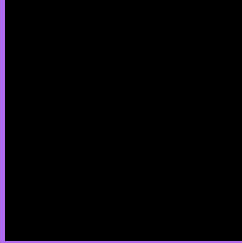
Any Text WCAG AA ✓ Pass

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 B16CED Background



This preview shows how black text looks on a background with the Hex color B16CED.

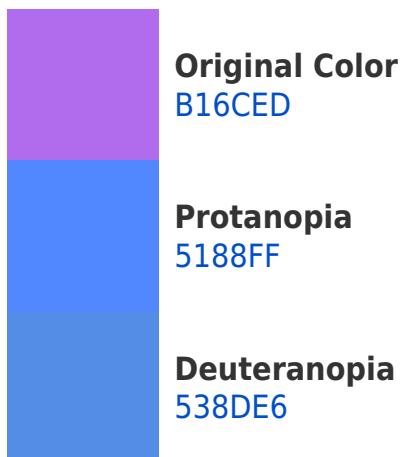



This preview shows how white text looks on a background with the Hex color B16CED.

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
A1848F

Trichromacy



Original Color
B16CED



Protanomaly
747EF8



Deuteranomaly
7581E9



Tritanomaly
A77BB1

Monochromacy



Original Color
B16CED



Achromatopsia
8F8F8F



Achromatomaly
9B82B1

CSS Examples

Text

The CSS property to change the color of the text to Hex B16CED 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 #B16CED looks like.

```
.text, #text, p{  
    color:#B16CED  
}
```

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 #B16CED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B16CED
}
```

Border

The CSS property to change the border of an element to Hex B16CED is called "border". The border property can be set on classes, ids or directly on the HTML element.

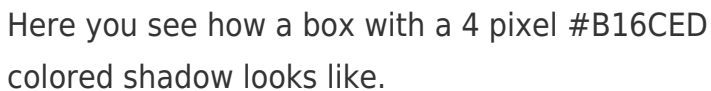
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B16CED }
```

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

```
.border{ border-color:#B16CED }
```

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



Here you see how a box with a 4 pixel #B16CED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B16CED; -webkit-box-shadow:4px 4px  
4px 4px #B16CED; box-shadow:4px 4px 4px  
4px #B16CED }
```

Background

The CSS property to change the background color of an element to Hex B16CED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B16CED }
```

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

```
.background{ background-color:#B16CED }
```

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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