

Converting Colors

Hex(C82BED)

Have a look what the booklet for
Hex(C82BED) contains.

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Color

Hex(C82BED)

Conversions

Conversions Part 1

Format	Color
Hex	C82BED
RGB	200, 43, 237
RGB Percent	78%, 17%, 93%
CMY	0.2157, 0.8314, 0.0706
CMYK	0.16, 0.82, 0.00, 0.07
HSL	289°, 84%, 55%
HSV	289°, 82%, 93%
XYZ	39.9694, 20.1215, 81.8980
YIQ	112.0590, 31.2980, 93.6180

Conversions

Conversions Part 2

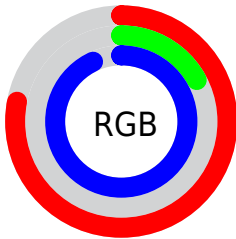
Format	Color
R_{YB}	200, 43, 237
Decimal	13118445
CIE _{Lab}	51.97, 81.61, -64.69
CIE _{LCh}	52, 104.136, 321.596
Yxy	20.1215, 0.2815, 0.1417
Android (android.graphics.Color)	4291308525 (0xFFC82BED)
YUV	112.0590, 61.5959, 77.1243
Hunter-Lab	44.8570, 80.5506, -76.8491

Details

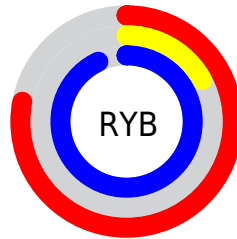
The Hex color **C82BED** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **50ED2B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6EFF**, and **8D00B4** is the 20% darker color. If you saturate the color by 10%, you get **C313ED**, and if you desaturate by 10%, it is **CD43ED**.

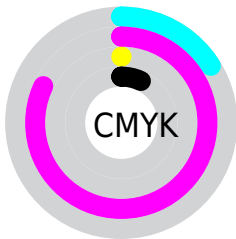
Distribution



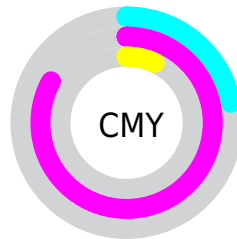
- Red (78%)
- Green (17%)
- Blue (93%)



- Red (78%)
- Yellow (17%)
- Blue (93%)



- Cyan (16%)
- Magenta (82%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (83%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color C82BED 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 C82BED by changing the saturation by 10% instead.

 C82BED

 C82BED

FFFFFF

 AA00D0

 FF6EFF

 8D00B4

 FF8BFF

 6F0099


 FFA9FF

 52007E

 FFC7FF

 360064

 FFE4FF

 11004B

 000133

 00021D

 000000

 C82BED

 C82BED

 C313ED

 CD43ED

 C000ED

 D15AED

 D672ED

 DA8AED

 DFA2ED

 E3B9ED

 E8D1ED

 ECE9ED

 F1FFED

Harmonies

Analogous

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



0071FF



C82BED



FF0099

Triad

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



C82BED



AC7000



009EBC

Complementary

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



C82BED



50ED2B

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.



009C5F



C82BED



588A00

Square

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



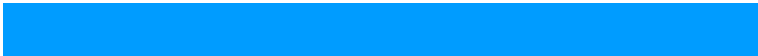
C82BED



E93900



009700



009CFF

Rectangle

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



C82BED



FF005F



009700



009E9E

Sweetspot

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



C82BED



F3BFFF



2B52ED



785980



000000



808080

Same Dimension

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



C82BED



CF05FF



ED2BB3



736A75



9300B5



2B0036

Inverse Universe

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



ED2B50



FF0535



2BED65



756A6C



B50023



36000A

Previews

White Background



This preview shows how the Hex color C82BED looks on a white background.

Color Contrast Check

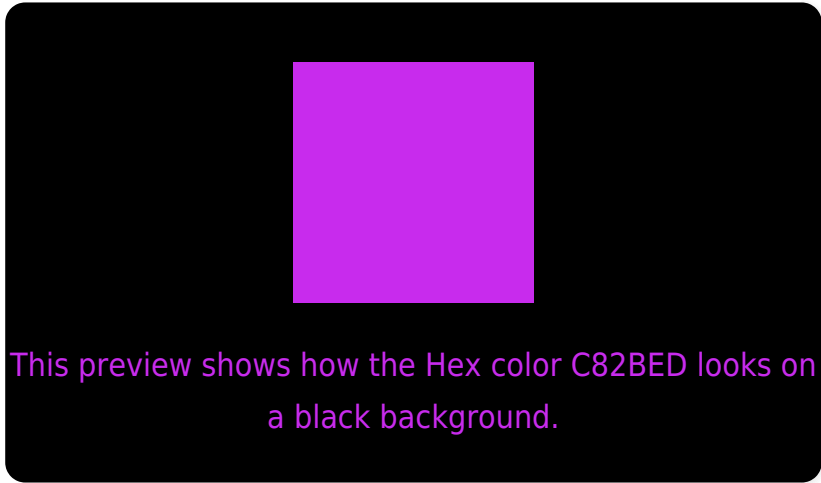
Large Text (above 18pt) WCAG AA ✓ Pass

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

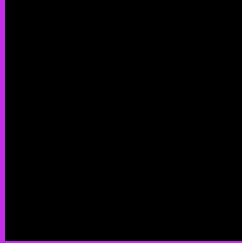
Any Text WCAG AA ✓ Pass

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 C82BED Background



This preview shows how black text looks on a background with the Hex color C82BED.

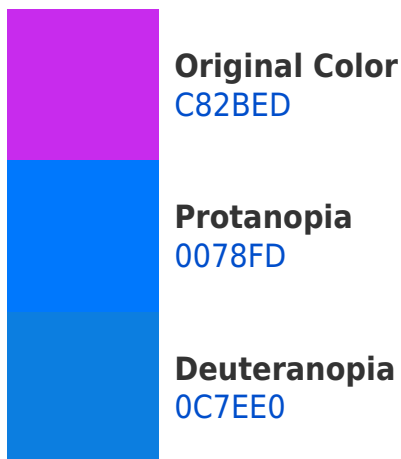



This preview shows how white text looks on a background with the Hex color C82BED.

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
B6636A

Trichromacy



Original Color
C82BED



Protanomaly
495CF7



Deuteranomaly
5060E5



Tritanomaly
BD4F9A

Monochromacy



Original Color
C82BED



Achromatopsia
707070



Achromatomaly
90579D

CSS Examples

Text

The CSS property to change the color of the text to Hex C82BED 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 #C82BED looks like.

```
.text, #text, p{  
    color:#C82BED  
}
```

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 #C82BED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C82BED
}
```

Border

The CSS property to change the border of an element to Hex C82BED 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
#C82BED }
```

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

```
.border{ border-color:#C82BED }
```

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

Here you see how a box with a 4 pixel #C82BED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C82BED; -webkit-box-shadow:4px 4px  
4px 4px #C82BED; box-shadow:4px 4px 4px  
4px #C82BED }
```

Background

The CSS property to change the background color of an element to Hex C82BED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C82BED }
```

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

```
.background{ background-color:#C82BED }
```

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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