

Converting Colors

Hex(CB1EBF)

Have a look what the booklet for
Hex(CB1EBF) contains.

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Color

Hex(CB1EBF)

Conversions

Conversions Part 1

Format	Color
Hex	CB1EBF
RGB	203, 30, 191
RGB Percent	80%, 12%, 75%
CMY	0.2039, 0.8824, 0.2510
CMYK	0.00, 0.85, 0.06, 0.20
HSL	304°, 74%, 46%
HSV	304°, 85%, 80%
XYZ	34.4968, 17.3866, 50.8280
YIQ	100.0810, 51.4270, 86.7470

Conversions

Conversions Part 2

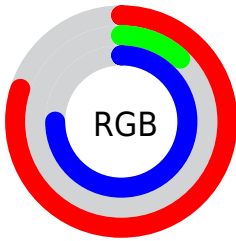
Format	Color
RYB	203, 30, 191
Decimal	13311679
CIELab	48.74, 77.59, -43.52
CIElCh	49, 88.962, 330.712
Yxy	17.3866, 0.3359, 0.1693
Android (android.graphics.Color)	4291501759 (0xFFCB1EBF)
YUV	100.0810, 44.8231, 90.2600
Hunter-Lab	41.6973, 74.7057, -43.0850

Details

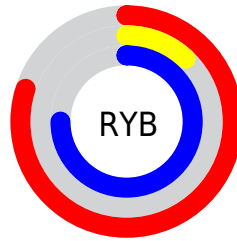
The Hex color **CB1EBF** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **1ECB2A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF65F8**, and **900089** is the 20% darker color. If you saturate the color by 10%, you get **CB0ABE**, and if you desaturate by 10%, it is **CB32C0**.

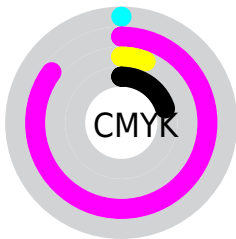
Distribution



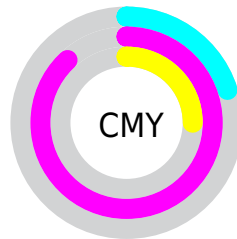
- Red (80%)
- Green (12%)
- Blue (75%)



- Red (80%)
- Yellow (12%)
- Blue (75%)



- Cyan (0%)
- Magenta (85%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (88%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB1EBF 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 CB1EBF by changing the saturation by 10% instead.

 CB1EBF

 CB1EBF

FFFFFF

 AD00A4

 FF65F8

 900089

 FF83FF

 74006F

 FFA0FF

 570056

 FFBEFF

 3D003E

 FFDCFF

 1F0027

 FFFAFF

 000110

 000000

 CB1EBF

 CB1EBF

 CB0ABE

 CB32C0

 CB00BD

 CB47C2

 CB5BC3

 CB6FC5

 CB84C6

 CB98C7

 CBACC9

 CBC0CA

 CBD5CC

Harmonies

Analogous

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



625EF8



CB1EBF



F00076

Triad

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



CB1EBF



8C7200



0092C0

Complementary

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



CB1EBF



1ECB2A

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.



009174



CB1EBF



3B8400

Square

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



CB1EBF



C54F00



008D1F



008DF9

Rectangle

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



CB1EBF



F00045



008D1F



0092A8

Sweetspot

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



CB1EBF



FFBDFA



2A1ECB



80587D



000000



808080

Same Dimension

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



CB1EBF



FF00ED



CB1E69



665C65



A6009A



260024

Inverse Universe

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



CB1EBF



FF00ED



1ECB80



665C65



A6009A



260024

Previews

White Background



This preview shows how the Hex color CB1EBF looks on a white background.

Color Contrast Check

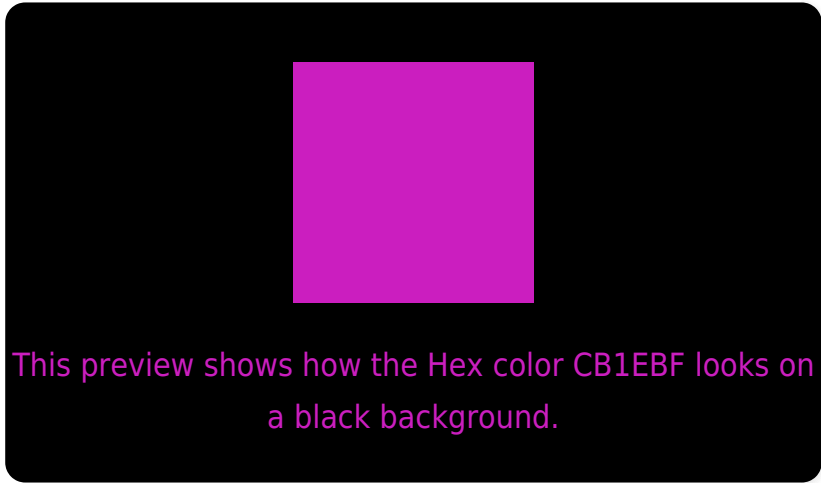
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

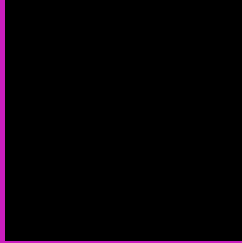
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex CB1EBF Background



This preview shows how black text looks on a background with the Hex color CB1EBF.



This preview shows how white text looks on a background with the Hex color CB1EBF.

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
CB1EBF



Protanomaly
4A53DE



Deuteranomaly
8055B8



Tritanomaly
C43D7B

Monochromacy



Original Color
CB1EBF



Achromatopsia
646464



Achromatomaly
894B85

CSS Examples

Text

The CSS property to change the color of the text to Hex CB1EBF 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 #CB1EBF looks like.

```
.text, #text, p{  
    color:#CB1EBF  
}
```

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 #CB1EBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB1EBF
}
```

Border

The CSS property to change the border of an element to Hex CB1EBF 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
#CB1EBF }
```

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

```
.border{ border-color:#CB1EBF }
```

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

Here you see how a box with a 4 pixel #CB1EBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB1EBF; -webkit-box-shadow:4px 4px  
4px 4px #CB1EBF; box-shadow:4px 4px 4px  
4px #CB1EBF }
```

Background

The CSS property to change the background color of an element to Hex CB1EBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB1EBF }
```

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

```
.background{ background-color:#CB1EBF }
```

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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