

Converting Colors

Hex(CB1DBF)

Have a look what the booklet for
Hex(CB1DBF) contains.

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Color

Hex(CB1DBF)

Conversions

Conversions Part 1

Format	Color
Hex	CB1DBF
RGB	203, 29, 191
RGB Percent	80%, 11%, 75%
CMY	0.2039, 0.8863, 0.2510
CMYK	0.00, 0.86, 0.06, 0.20
HSL	304°, 75%, 45%
HSV	304°, 86%, 80%
XYZ	34.4719, 17.3368, 50.8197
YIQ	99.4940, 51.7020, 87.2700

Conversions

Conversions Part 2

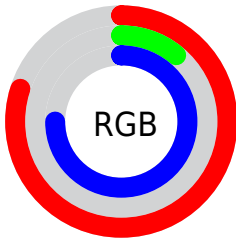
Format	Color
R_{YB}	203, 29, 191
Decimal	13311423
CIE Lab	48.68, 77.77, -43.62
CIE LCh	49, 89.168, 330.713
Yxy	17.3368, 0.3359, 0.1689
Android (android.graphics.Color)	4291501503 (0xFFFCB1DBF)
YUV	99.4940, 45.1125, 90.7748
Hunter-Lab	41.6375, 74.9155, -43.2187

Details

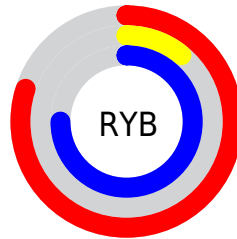
The Hex color **CB1DBF** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **1DCB29**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF64F8**, and **900089** is the 20% darker color. If you saturate the color by 10%, you get **CB09BE**, and if you desaturate by 10%, it is **CB31C0**.

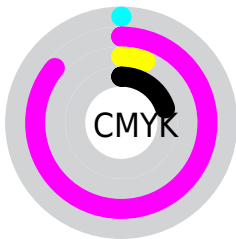
Distribution



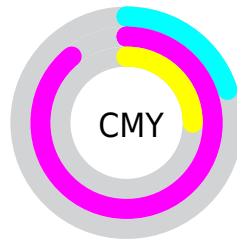
- Red (80%)
- Green (11%)
- Blue (75%)



- Red (80%)
- Yellow (11%)
- Blue (75%)



- Cyan (0%)
- Magenta (86%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (89%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB1DBF 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 CB1DBF by changing the saturation by 10% instead.

 CB1DBF

 CB1DBF

FFFFFF

 AD00A4

 FF64F8

 900089

 FF82FF

 74006F

 FFA0FF

 570056

 FFBEFF

 3D003E

 FFDBFF

 1F0027

 FFFAFF

 000110

 000000

 CB1DBF

 CB1DBF

■ CB09BE

■ CB31C0

■ CB00BD

■ CB46C2

■ CB5AC3

■ CB6EC5

■ CB83C6

■ CB97C7

■ CBABC9

■ CBBFCA

■ CBD4CC

Harmonies

Analogous

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



625EF8



CB1DBF



F00075

Triad

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



CB1DBF



8C7200



0092C0

Complementary

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



CB1DBF



1DCB29

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



CB1DBF



3B8400

Square

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



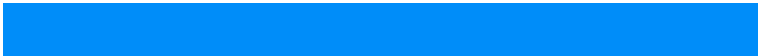
CB1DBF



C54F00



008D1E



008DF9

Rectangle

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



CB1DBF



F00044



008D1E



0092A7

Sweetspot

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



CB1DBF



FFBDFA



291DCB



80587D



000000



808080

Same Dimension

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



CB1DBF



FF00ED



CB1D68



665C65



A6009A



260024

Inverse Universe

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



CB1DBF



FF00ED



1DCB80



665C65



A6009A



260024

Previews

White Background



This preview shows how the Hex color CB1DBF looks on a white background.

Color Contrast Check

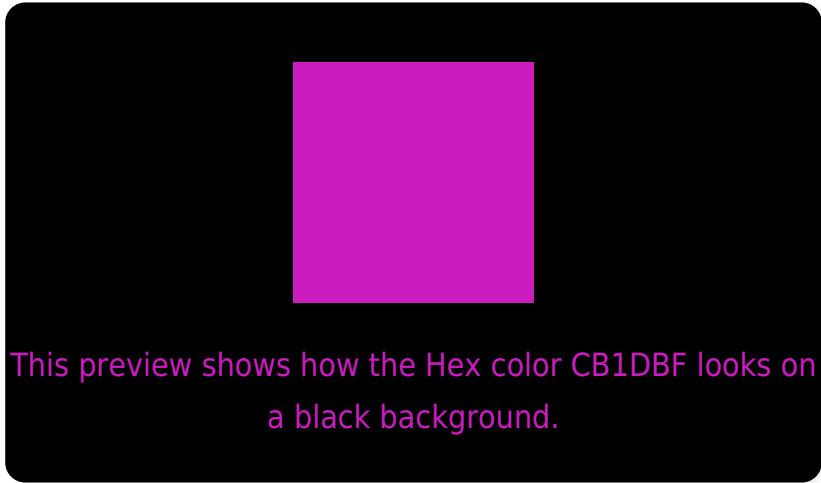
Large Text (above 18pt) WCAG AA ✓ Pass

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

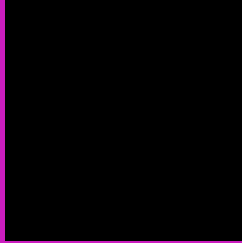
Any Text WCAG AA × Fail

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 CB1DBF Background



This preview shows how black text looks on a background with the Hex color CB1DBF.

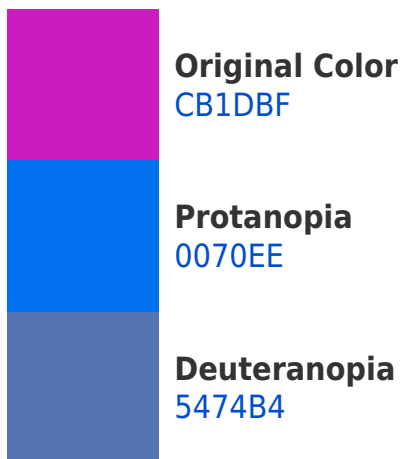


This preview shows how white text looks on a background with the Hex color CB1DBF.

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
CB1DBF



Protanomaly
4A52DD



Deuteranomaly
7F54B8



Tritanomaly
C43D7B

Monochromacy



Original Color
CB1DBF



Achromatopsia
636363



Achromatomaly
894A84

CSS Examples

Text

The CSS property to change the color of the text to Hex CB1DBF 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 #CB1DBF looks like.

```
.text, #text, p{  
    color:#CB1DBF  
}
```

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 #CB1DBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB1DBF
}
```

Border

The CSS property to change the border of an element to Hex CB1DBF 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
#CB1DBF }
```

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

```
.border{ border-color:#CB1DBF }
```

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

Here you see how a box with a 4 pixel #CB1DBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB1DBF; -webkit-box-shadow:4px 4px  
4px 4px #CB1DBF; box-shadow:4px 4px 4px  
4px #CB1DBF }
```

Background

The CSS property to change the background color of an element to Hex CB1DBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB1DBF }
```

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

```
.background{ background-color:#CB1DBF }
```

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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