

Converting Colors

Hex(CD3DB1)

Have a look what the booklet for
Hex(CD3DB1) contains.

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Color

Hex(CD3DB1)

Conversions

Conversions Part 1

Format	Color
Hex	CD3DB1
RGB	205, 61, 177
RGB Percent	80%, 24%, 69%
CMY	0.1961, 0.7608, 0.3059
CMYK	0.00, 0.70, 0.14, 0.20
HSL	312°, 59%, 52%
HSV	312°, 70%, 80%
XYZ	34.7814, 19.4909, 43.5239
YIQ	117.2800, 48.5880, 66.6040

Conversions

Conversions Part 2

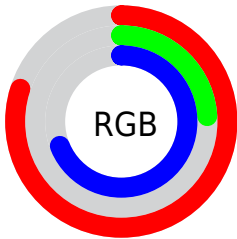
Format	Color
R_{YB}	205, 61, 177
Decimal	13450673
CIE _{Lab}	51.26, 67.73, -31.37
CIE _{LCh}	51, 74.646, 335.151
Yxy	19.4909, 0.3557, 0.1993
Android (android.graphics.Color)	4291640753 (0xFFCD3DB1)
YUV	117.2800, 29.4420, 76.9304
Hunter-Lab	44.1486, 63.3670, -27.5471

Details

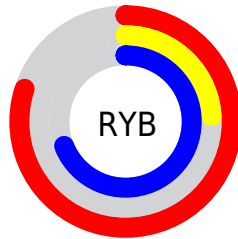
The Hex color **CD3DB1** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3DCD59**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF78E9**, and **93007C** is the 20% darker color. If you saturate the color by 10%, you get **CD29AD**, and if you desaturate by 10%, it is **CD52B5**.

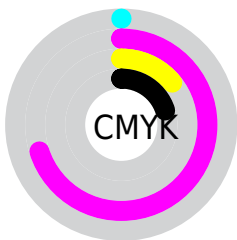
Distribution



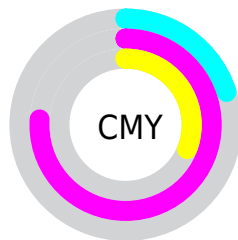
- Red (80%)
- Green (24%)
- Blue (69%)



- Red (80%)
- Yellow (24%)
- Blue (69%)



- Cyan (0%)
- Magenta (70%)
- Yellow (14%)
- Black (20%)



- Cyan (20%)
- Magenta (76%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD3DB1 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 CD3DB1 by changing the saturation by 10% instead.

 CD3DB1

 CD3DB1

FFFFFF

 B01796

 FF78E9

 93007C

 FF95FF

 770063

 FFB2FF

 5B004A

 FFCFFF

 410034

 FFECFF

 24001D

 000000

 CD3DB1

 CD3DB1

 CD29AD

 CD52B5

 CD14A9

 CD66B9

 CD00A5

 CD7BBD

 CD8FC1

 CDA4C5

 CDB8C9

 CDCDCD

 CDE1D1

 CDF6D5

Harmonies

Analogous

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



8563E4



CD3DB1



E72372

Triad

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



CD3DB1



8A7B00



0095C3

Complementary

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



CD3DB1



3DCD59

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.



009584



CD3DB1



458A00

Square

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



CD3DB1



BD6200



009240



008FEF

Rectangle

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



CD3DB1



E53248



009240



0096AF

Sweetspot

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



CD3DB1



FFC9F5



573DCD



806079



000000



808080

Same Dimension

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



CD3DB1



FF29D5



CD3D6B



665C64



A60086



26001F

Inverse Universe

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



CD3DB1



FF29D5



3DCD9F



665C64



A60086



26001F

Previews

White Background



This preview shows how the Hex color CD3DB1 looks on a white background.

Color Contrast Check

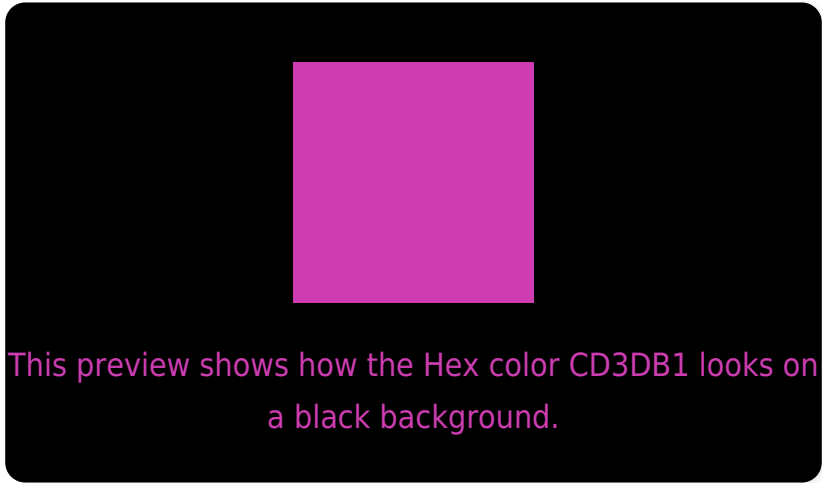
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD3DB1 Background



This preview shows how black text looks on a background with the Hex color CD3DB1.

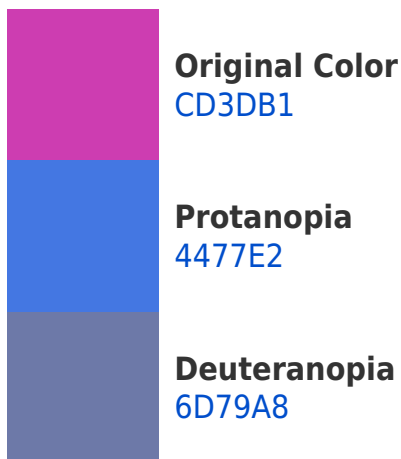


This preview shows how white text looks on a background with the Hex color CD3DB1.

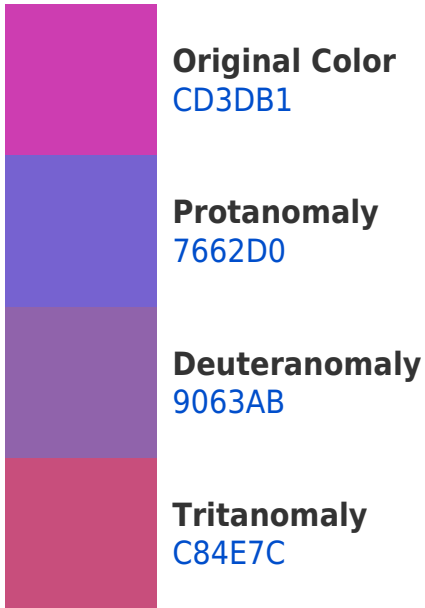
Color Blindness Simulation

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](#).

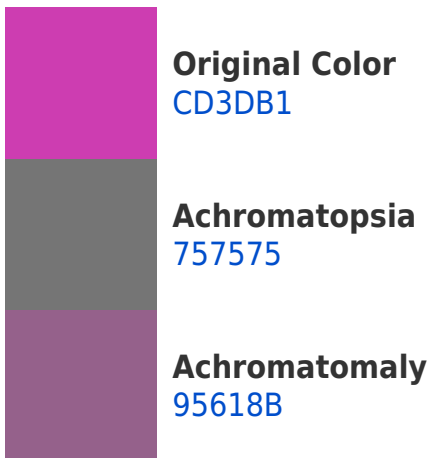
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD3DB1 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 #CD3DB1 looks like.

```
.text, #text, p{  
    color:#CD3DB1  
}
```

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 #CD3DB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD3DB1
}
```

Border

The CSS property to change the border of an element to Hex CD3DB1 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
#CD3DB1 }
```

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

```
.border{ border-color:#CD3DB1 }
```

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

Here you see how a box with a 4 pixel #CD3DB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD3DB1; -webkit-box-shadow:4px 4px  
4px 4px #CD3DB1; box-shadow:4px 4px 4px  
4px #CD3DB1 }
```

Background

The CSS property to change the background color of an element to Hex CD3DB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD3DB1 }
```

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

```
.background{ background-color:#CD3DB1 }
```

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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