

# Converting Colors

Hex(CD2ABA)

Have a look what the booklet for  
Hex(CD2ABA) contains.

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# Color

**Hex(CD2ABA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD2ABA
RGB	205, 42, 186
RGB Percent	80%, 16%, 73%
CMY	0.1961, 0.8353, 0.2706
CMYK	0.00, 0.80, 0.09, 0.20
HSL	307°, 66%, 48%
HSV	307°, 80%, 80%
XYZ	34.8677, 18.1802, 48.1258
YIQ	107.1530, 50.9240, 79.3400

# Conversions

## Conversions Part 2

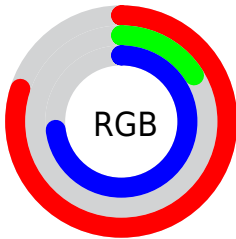
Format	Color
R <sub>Y</sub> B	205, 42, 186
Decimal	13445818
CIE Lab	49.71, 74.68, -39.05
CIE LCh	50, 84.273, 332.397
Yxy	18.1802, 0.3446, 0.1797
Android (android.graphics.Color)	4291635898 (0xFFCD2ABA)
YUV	107.1530, 38.8716, 85.8118
Hunter-Lab	42.6383, 71.3525, -37.0737

# Details

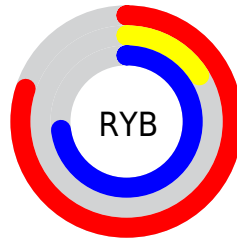
The Hex color **CD2ABA** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **2ACD3D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF6BF3**, and **920084** is the 20% darker color. If you saturate the color by 10%, you get **CD15B8**, and if you desaturate by 10%, it is **CD3EBC**.

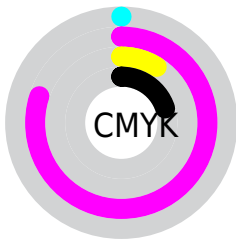
# Distribution



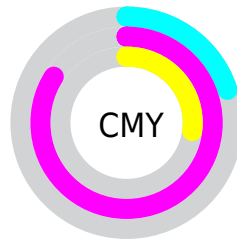
- Red (80%)
- Green (16%)
- Blue (73%)



- Red (80%)
- Yellow (16%)
- Blue (73%)



- Cyan (0%)
- Magenta (80%)
- Yellow (9%)
- Black (20%)



- Cyan (20%)
- Magenta (84%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD2ABA 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 CD2ABA by changing the saturation by 10% instead.



 CD2ABA

 CD2ABA

FFFFFF

 AF009F

 FF6BF3

 920084

 FF89FF

 76006B

 FFA6FF

 5A0052

 FFC4FF

 40003A

 FFE1FF

 220024

 00000A

 000000

 CD2ABA

 CD2ABA

 CD15B8

 CD3EBC

 CD01B5

 CD53BF

 CD00B5

 CD68C1

 CD7CC4

 CD91C6

 CDA5C8

 CDBACB

 CDCECD

 CDE3D0

# Harmonies

## Analogous

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



725FF1



CD2ABA



EE0074

# Triad

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



CD2ABA



8B7600



0093C2

# Complementary

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



CD2ABA



2ACD3D

# 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.



00937A



CD2ABA



3E8700

# Square

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



CD2ABA



C25700



008F2C



008EF6

# Rectangle

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



CD2ABA



ED0045



008F2C



0094AB



# Sweetspot

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



CD2ABA



FFC2F8



3A2ACD



805B7B



000000



808080



# Same Dimension

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



CD2ABA



FF0DE3



CD2A6B



665C65



A60092



260022



# Inverse Universe

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



CD2ABA



FF0DE3



2ACD8C



665C65



A60092



260022



# Previews

## White Background



This preview shows how the Hex color CD2ABA looks on a white background.

## Color Contrast Check

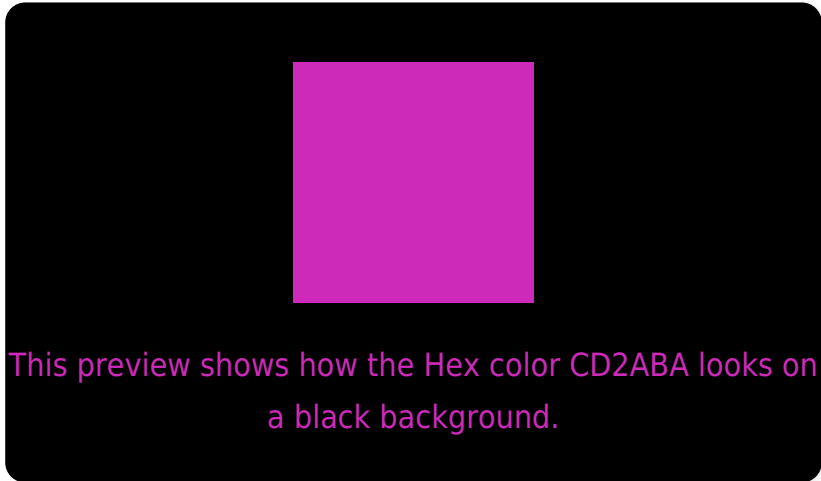
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

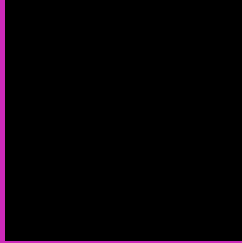
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CD2ABA Background



This preview shows how black text looks on a background with the Hex color CD2ABA.

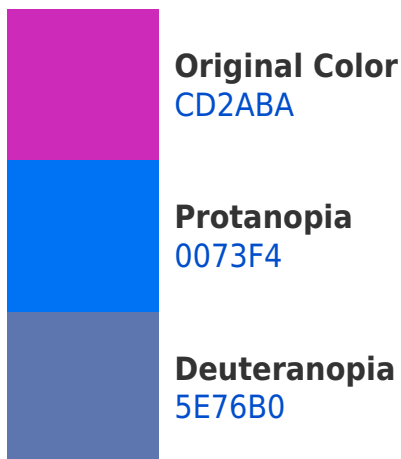


This preview shows how white text looks on a background with the Hex color CD2ABA.

# 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**  
C35156

# Trichromacy



**Original Color**  
CD2ABA



**Protanomaly**  
4B58DF



**Deuteranomaly**  
865AB4



**Tritanomaly**  
C7437A

# Monochromacy



**Original Color**  
CD2ABA



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
8F5388

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD2ABA 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 #CD2ABA looks like.

```
.text, #text, p{  
    color:#CD2ABA  
}
```

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 #CD2ABA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD2ABA
}
```

## Border

The CSS property to change the border of an element to Hex CD2ABA 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
#CD2ABA }
```

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

```
.border{ border-color:#CD2ABA }
```

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

Here you see how a box with a 4 pixel #CD2ABA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD2ABA; -webkit-box-shadow:4px 4px  
4px 4px #CD2ABA; box-shadow:4px 4px 4px  
4px #CD2ABA }
```

# Background

The CSS property to change the background color of an element to Hex CD2ABA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD2ABA }
```

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

```
.background{ background-color:#CD2ABA }
```

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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