

Converting Colors

Hex(CD02A0)

Have a look what the booklet for
Hex(CD02A0) contains.

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Color

Hex(CD02A0)

Conversions

Conversions Part 1

Format	Color
Hex	CD02A0
RGB	205, 2, 160
RGB Percent	80%, 1%, 63%
CMY	0.1961, 0.9922, 0.3725
CMYK	0.00, 0.99, 0.22, 0.20
HSL	313°, 98%, 41%
HSV	313°, 99%, 80%
XYZ	31.5437, 15.5606, 34.5987
YIQ	80.7090, 70.2700, 92.1740

Conversions

Conversions Part 2

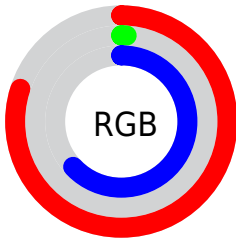
Format	Color
R _Y B	205, 2, 160
Decimal	13435552
CIE Lab	46.39, 77.24, -28.90
CIE LCh	46, 82.471, 339.483
Yxy	15.5606, 0.3861, 0.1905
Android (android.graphics.Color)	4291625632 (0xFFCD02A0)
YUV	80.7090, 39.0905, 109.0032
Hunter-Lab	39.4469, 73.7052, -24.3900

Details

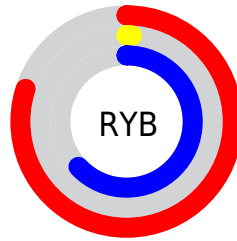
The Hex color **CD02A0** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **02CD2F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5BD7**, and **92006C** is the 20% darker color. If you saturate the color by 10%, you get **CD00A0**, and if you desaturate by 10%, it is **CD16A5**.

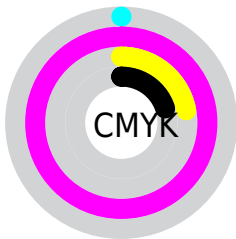
Distribution



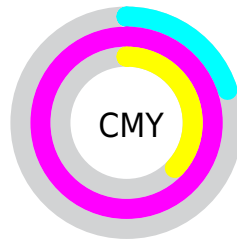
- Red (80%)
- Green (1%)
- Blue (63%)



- Red (80%)
- Yellow (1%)
- Blue (63%)



- Cyan (0%)
- Magenta (99%)
- Yellow (22%)
- Black (20%)



- Cyan (20%)
- Magenta (99%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD02A0 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 CD02A0 by changing the saturation by 10% instead.

 CD02A0

 CD02A0

FFFFFF

 AF0086

 FF5BD7

 92006C

 FF7AF4

 750053

 FF97FF

 58003C

 FFB5FF

 3D0026

 FFD3FF

 1E000E

 FFF1FF

 000000

 CD02A0

 CD02A0

 CD00A0

 CD16A5

 CD2BA9

 CD3FAE

 CD54B2

 CD69B7

 CD7DBB

 CD92C0

 CDA6C4

 CDBBC9

Harmonies

Analogous

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



864EDA



CD02A0



E2005C

Triad

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



CD02A0



737200



0089C5

Complementary

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



CD02A0



02CD2F

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.



008A83



CD02A0



108000

Square

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



CD02A0



AC5800



008739



0083F1

Rectangle

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



CD02A0



DC072F



008739



008AB1

Sweetspot

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



CD02A0



FFB3EE



2E02CD



805275



000000



808080

Same Dimension

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



CD02A0



FF00C6



CD023C



665C64



A60081



26001E

Inverse Universe

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



CD02A0



FF00C6



02CD93



665C64



A60081



26001E

Previews

White Background



This preview shows how the Hex color CD02A0 looks on a white background.

Color Contrast Check

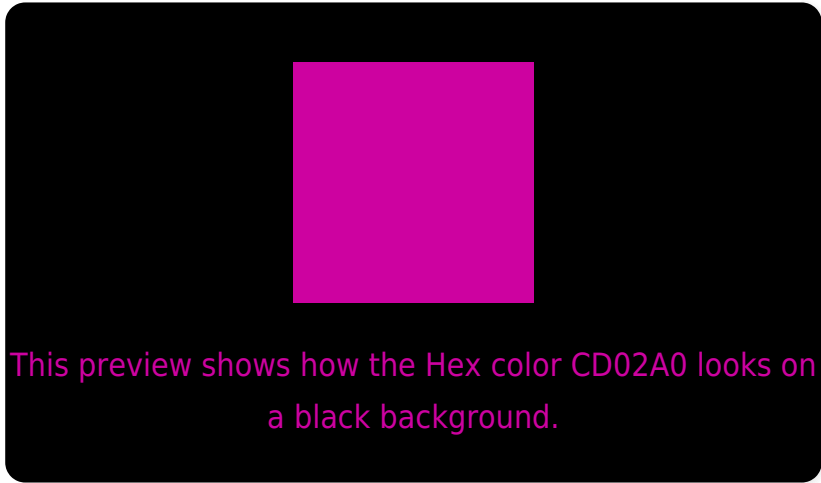
Large Text (above 18pt) WCAG AA ✓ Pass

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

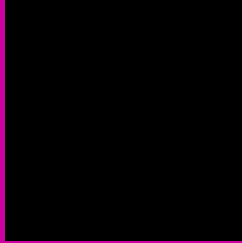
Any Text WCAG AA × Fail

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 CD02A0 Background



This preview shows how black text looks on a background with the Hex color CD02A0.



This preview shows how white text looks on a background with the Hex color CD02A0.

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
C63F42

Trichromacy



Original Color
CD02A0



Protanomaly
5A45CB



Deuteranomaly
8B479A



Tritanomaly
C92964

Monochromacy



Original Color
CD02A0



Achromatopsia
515151



Achromatomaly
7E346E

CSS Examples

Text

The CSS property to change the color of the text to Hex CD02A0 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 #CD02A0 looks like.

```
.text, #text, p{  
    color:#CD02A0  
}
```

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 #CD02A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD02A0
}
```

Border

The CSS property to change the border of an element to Hex CD02A0 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
#CD02A0 }
```

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

```
.border{ border-color:#CD02A0 }
```

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

Here you see how a box with a 4 pixel #CD02A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD02A0; -webkit-box-shadow:4px 4px  
4px 4px #CD02A0; box-shadow:4px 4px 4px  
4px #CD02A0 }
```

Background

The CSS property to change the background color of an element to Hex CD02A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD02A0 }
```

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

```
.background{ background-color:#CD02A0 }
```

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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