

Converting Colors

Hex(CD30D9)

Have a look what the booklet for
Hex(CD30D9) contains.

Hex(CD30D9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CD30D9)

Conversions

Conversions Part 1

Format	Color
Hex	CD30D9
RGB	205, 48, 217
RGB Percent	80%, 19%, 85%
CMY	0.1961, 0.8118, 0.1490
CMYK	0.06, 0.78, 0.00, 0.15
HSL	296°, 69%, 52%
HSV	296°, 78%, 85%
XYZ	38.7582, 20.1028, 67.4831
YIQ	114.2090, 39.3230, 85.8430

Conversions

Conversions Part 2

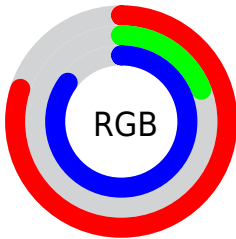
Format	Color
R_{YB}	205, 48, 217
Decimal	13447385
CIE _{Lab}	51.95, 77.87, -53.36
CIE _{LCh}	52, 94.401, 325.581
Yxy	20.1028, 0.3068, 0.1591
Android (android.graphics.Color)	4291637465 (0xFFCD30D9)
YUV	114.2090, 50.6760, 79.6237
Hunter-Lab	44.8361, 75.8394, -57.8524

Details

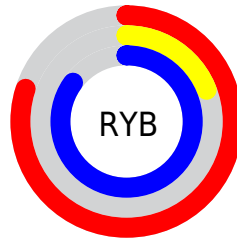
The Hex color **CD30D9** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light muted magenta. A complement of this color would be **3CD930**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF70FF**, and **9200A1** is the 20% darker color. If you saturate the color by 10%, you get **CB1AD9**, and if you desaturate by 10%, it is **CF46D9**.

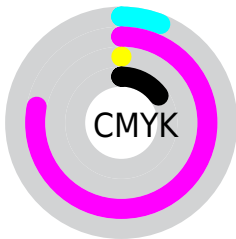
Distribution



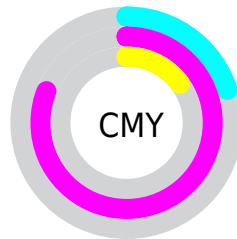
- Red (80%)
- Green (19%)
- Blue (85%)



- Red (80%)
- Yellow (19%)
- Blue (85%)



- Cyan (6%)
- Magenta (78%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (81%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD30D9 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 CD30D9 by changing the saturation by 10% instead.

 CD30D9

 CD30D9

FFFFFF

 AF00BD

 FF70FF

 9200A1

 FF8EFF

 750086

 FFABFF

 59006C

 FFC9FF

 3E0053

 FFE7FF

 20003B

 000224

 00000C

 000000

 CD30D9

 CD30D9

 CB1AD9

 CF46D9

 CA05D9

 D05BD9

 CA00D9

 D271D9

 D387D9

 D59DD9

 D6B2D9

 D8C8D9

 D9DED9

 DBF3D9

Harmonies

Analogous

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



3B6CFF



CD30D9



FE008C

Triad

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



CD30D9



A17500



009CC0

Complementary

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



CD30D9



3CD930

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.



009B6D



CD30D9



528B00

Square

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



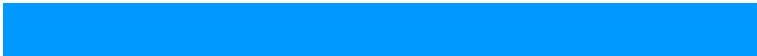
CD30D9



DB4C00



009602



0099FF

Rectangle

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



CD30D9



FF0057



009602



009CA6

Sweetspot

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



CD30D9



FBC4FF



303ED9



7D5C80



000000



808080

Same Dimension

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



CD30D9



EE12FF



D93093



6D636E



A100AD



2B002E

Inverse Universe

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



D9303C



FF1223



30D976



6E6363



AD000C



2E0003

Previews

White Background



This preview shows how the Hex color CD30D9 looks on a white background.

Color Contrast Check

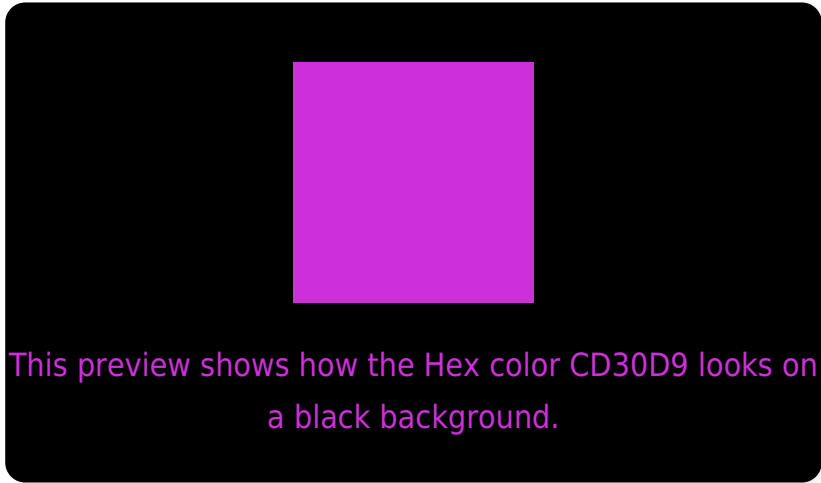
Large Text (above 18pt) WCAG AA ✓ Pass

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

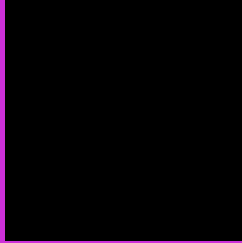
Any Text WCAG AA ✓ Pass

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 CD30D9 Background



This preview shows how black text looks on a background with the Hex color CD30D9.

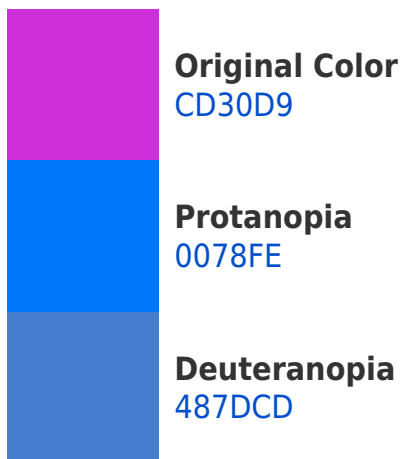



This preview shows how white text looks on a background with the Hex color CD30D9.

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
BF5E64

Trichromacy



Original Color
CD30D9



Protanomaly
4B5EF1



Deuteranomaly
7861D1



Tritanomaly
C44D8F

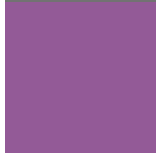
Monochromacy



Original Color
CD30D9



Achromatopsia
727272



Achromatomaly
935A97

CSS Examples

Text

The CSS property to change the color of the text to Hex CD30D9 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 #CD30D9 looks like.

```
.text, #text, p{  
    color:#CD30D9  
}
```

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 #CD30D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD30D9
}
```

Border

The CSS property to change the border of an element to Hex CD30D9 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
#CD30D9 }
```

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

```
.border{ border-color:#CD30D9 }
```

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

Here you see how a box with a 4 pixel #CD30D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD30D9; -webkit-box-shadow:4px 4px  
4px 4px #CD30D9; box-shadow:4px 4px 4px  
4px #CD30D9 }
```

Background

The CSS property to change the background color of an element to Hex CD30D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD30D9 }
```

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

```
.background{ background-color:#CD30D9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor