

Converting Colors

Hex(D42CD8)

Have a look what the booklet for
Hex(D42CD8) contains.

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Color

Hex(D42CD8)

Conversions

Conversions Part 1

Format	Color
Hex	D42CD8
RGB	212, 44, 216
RGB Percent	83%, 17%, 85%
CMY	0.1686, 0.8275, 0.1529
CMYK	0.02, 0.80, 0.00, 0.15
HSL	299°, 69%, 51%
HSV	299°, 80%, 85%
XYZ	40.4467, 20.7563, 66.8403
YIQ	113.8400, 44.9160, 89.1080

Conversions

Conversions Part 2

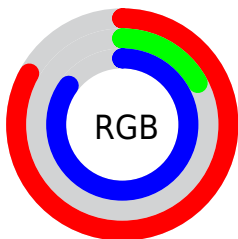
Format	Color
R_{YB}	212, 44, 216
Decimal	13905112
CIE _{Lab}	52.68, 80.04, -51.56
CIE _{LCh}	53, 95.211, 327.212
Yxy	20.7563, 0.3159, 0.1621
Android (android.graphics.Color)	4292095192 (0xFFD42CD8)
YUV	113.8400, 50.3649, 86.0863
Hunter-Lab	45.5591, 78.7416, -55.0938

Details

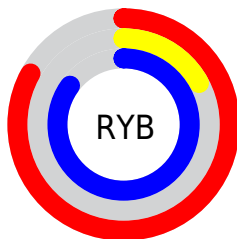
The Hex color **D42CD8** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **30D82C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF6FFF**, and **9900A0** is the 20% darker color. If you saturate the color by 10%, you get **D316D8**, and if you desaturate by 10%, it is **D542D8**.

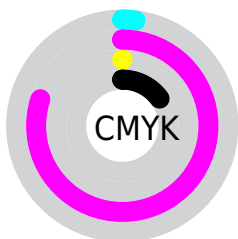
Distribution



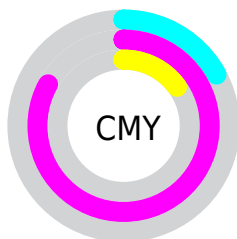
- Red (83%)
- Green (17%)
- Blue (85%)



- Red (83%)
- Yellow (17%)
- Blue (85%)



- Cyan (2%)
- Magenta (80%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (83%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color D42CD8 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 D42CD8 by changing the saturation by 10% instead.

 D42CD8

 D42CD8

FFFFFF

 B600BC

 FF6FFF

 9900A0

 FF8DFF

 7C0086

 FFAAFF

 5F006C

 FFC8FF

 440053

 FFE6FF

 27003B

 000024

 00000B

 000000

 D42CD8

 D42CD8

 D316D8

 D542D8

 D301D8

 D557D8

 D300D8

 D66DD8

 D682D8

 D798D8

 D7AED8

 D8C3D8

 D8D9D8

 D9EED8

Harmonies

Analogous

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



4F6BFF



D42CD8



FF0089

Triad

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



D42CD8



A07800



009EC7

Complementary

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



D42CD8



30D82C

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.



009D73



D42CD8



4E8E00

Square

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



D42CD8



DC5000



00990F



009BFF

Rectangle

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



D42CD8



FF0054



00990F



009EAC

Sweetspot

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



D42CD8



FEC2FF



2C32D8



7F5B80



000000



808080

Same Dimension

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



D42CD8



F90AFF



D82C88



6B606B



A700AB



2A002B

Inverse Universe

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



D82C30



FF0A10



2CD87C



6B6061



AB0004



2B0001

Previews

White Background



This preview shows how the Hex color D42CD8 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

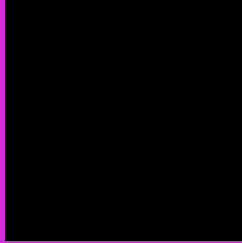
Any Text WCAG AA ✓ Pass

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 D42CD8 Background



This preview shows how black text looks on a background with the Hex color D42CD8.

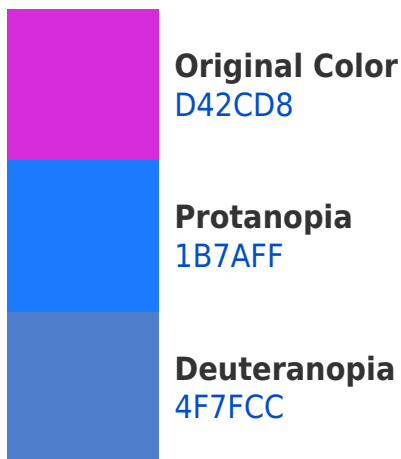



This preview shows how white text looks on a background with the Hex color D42CD8.

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
C75C62

Trichromacy



Original Color
D42CD8



Protanomaly
5E5EF1



Deuteranomaly
7F61D0



Tritanomaly
CC4B8D

Monochromacy



Original Color
D42CD8



Achromatopsia
727272



Achromatomaly
965997

CSS Examples

Text

The CSS property to change the color of the text to Hex D42CD8 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 #D42CD8 looks like.

```
.text, #text, p{  
    color:#D42CD8  
}
```

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 #D42CD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D42CD8
}
```

Border

The CSS property to change the border of an element to Hex D42CD8 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
#D42CD8 }
```

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

```
.border{ border-color:#D42CD8 }
```

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

Here you see how a box with a 4 pixel #D42CD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D42CD8; -webkit-box-shadow:4px 4px  
4px 4px #D42CD8; box-shadow:4px 4px 4px  
4px #D42CD8 }
```

Background

The CSS property to change the background color of an element to Hex D42CD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D42CD8 }
```

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

```
.background{ background-color:#D42CD8 }
```

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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