

Converting Colors

Hex(C24FDB)

Have a look what the booklet for
Hex(C24FDB) contains.

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Color

Hex(C24FDB)

Conversions

Conversions Part 1

Format	Color
Hex	C24FDB
RGB	194, 79, 219
RGB Percent	76%, 31%, 86%
CMY	0.2392, 0.6902, 0.1412
CMYK	0.11, 0.64, 0.00, 0.14
HSL	289°, 66%, 58%
HSV	289°, 64%, 86%
XYZ	37.8303, 22.1758, 69.3043
YIQ	129.3450, 23.6000, 67.9200

Conversions

Conversions Part 2

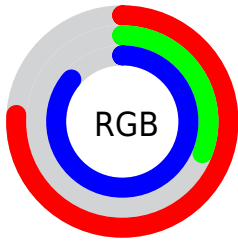
Format	Color
RYB	194, 79, 219
Decimal	12734427
CIELab	54.21, 65.15, -50.98
CIELCh	54, 82.728, 321.955
Yxy	22.1758, 0.2926, 0.1715
Android (android.graphics.Color)	4290924507 (0xFFC24FDB)
YUV	129.3450, 44.1999, 56.7024
Hunter-Lab	47.0912, 60.9870, -54.2936

Details

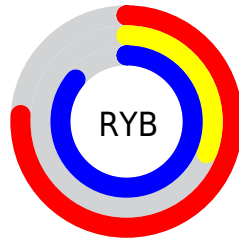
The Hex color **C24FDB** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **68DB4F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FD87FF**, and **8908A3** is the 20% darker color. If you saturate the color by 10%, you get **BE39DB**, and if you desaturate by 10%, it is **C665DB**.

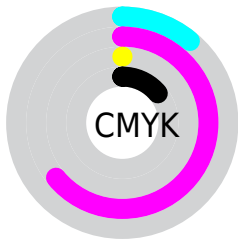
Distribution



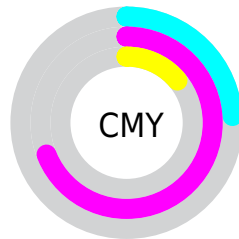
- Red (76%)
- Green (31%)
- Blue (86%)



- Red (76%)
- Yellow (31%)
- Blue (86%)



- Cyan (11%)
- Magenta (64%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (69%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color C24FDB 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 C24FDB by changing the saturation by 10% instead.

 C24FDB

FFFFFF

 FD87FF

 FFA3FF

 FFC0FF

 FFDDFF

 FFFBFF

 C24FDB

 A531BF

 8908A3

 6D0088

 51006E

 360055

 1A003D

 000326

 00010F

 000000

 C24FDB

 C24FDB

 BE39DB

 C665DB

 BA23DB

 CA7BDB

 B60DDB

 CE91DB

 B400DB

 D2A7DB

 D6BDDB

 D9D2DB

 DDE8DB

 E1FEDB

 E5FFDB

Harmonies

Analogous

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



3E78FF



C24FDB



F41A98

Triad

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



C24FDB



AD7800



00A0B5

Complementary

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



C24FDB



68DB4F

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.



009E6B



C24FDB



6B8E00

Square

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



C24FDB



DF5500



009919



009DF2

Rectangle

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



C24FDB



FC1369



009919



00A09D

Sweetspot

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



C24FDB



F6CFFF



4F69DB



7A6280



000000



808080

Same Dimension

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



C24FDB



DC3BFF



DB4FAF



6C636E



8E00AD



26002E

Inverse Universe

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



DB4F68



FF3B5E



4FDB7B



6E6365



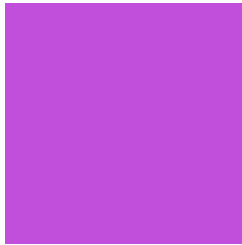
AD001F



2E0008

Previews

White Background



This preview shows how the Hex color C24FDB 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

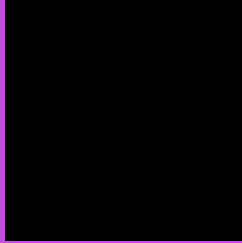
Any Text WCAG AA ✓ Pass

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 C24FDB Background



This preview shows how black text looks on a background with the Hex color C24FDB.

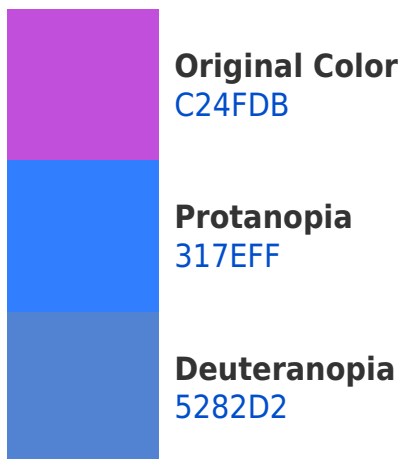



This preview shows how white text looks on a background with the Hex color C24FDB.

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
B46D76

Trichromacy



Original Color
C24FDB



Protanomaly
666DF2



Deuteranomaly
7B6FD5



Tritanomaly
B9629B

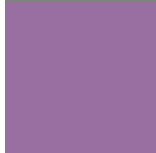
Monochromacy



Original Color
C24FDB



Achromatopsia
818181



Achromatomaly
996FA2

CSS Examples

Text

The CSS property to change the color of the text to Hex C24FDB 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 #C24FDB looks like.

```
.text, #text, p{  
    color:#C24FDB  
}
```

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 #C24FDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C24FDB
}
```

Border

The CSS property to change the border of an element to Hex C24FDB 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
#C24FDB }
```

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

```
.border{ border-color:#C24FDB }
```

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

Here you see how a box with a 4 pixel #C24FDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C24FDB; -webkit-box-shadow:4px 4px  
4px 4px #C24FDB; box-shadow:4px 4px 4px  
4px #C24FDB }
```

Background

The CSS property to change the background color of an element to Hex C24FDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C24FDB }
```

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

```
.background{ background-color:#C24FDB }
```

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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