

Converting Colors

Hex(D23EDD)

Have a look what the booklet for
Hex(D23EDD) contains.

Hex(D23EDD)	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(D23EDD)

Conversions

Conversions Part 1

Format	Color
Hex	D23EDD
RGB	210, 62, 221
RGB Percent	82%, 24%, 87%
CMY	0.1765, 0.7569, 0.1333
CMYK	0.05, 0.72, 0.00, 0.13
HSL	296°, 70%, 55%
HSV	296°, 72%, 87%
XYZ	41.3521, 22.3673, 70.5444
YIQ	124.3780, 37.1690, 80.8250

Conversions

Conversions Part 2

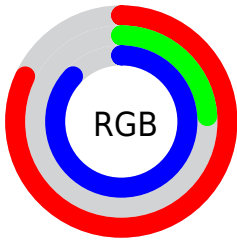
Format	Color
RYB	210, 62, 221
Decimal	13778653
CIELab	54.41, 75.36, -51.66
CIElCh	54, 91.363, 325.571
Yxy	22.3673, 0.3080, 0.1666
Android (android.graphics.Color)	4291968733 (0xFFD23EDD)
YUV	124.3780, 47.6346, 75.0905
Hunter-Lab	47.2941, 73.3086, -55.3317

Details

The Hex color **D23EDD** 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 **49DD3E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF7BFF**, and **9700A5** is the 20% darker color. If you saturate the color by 10%, you get **D028DD**, and if you desaturate by 10%, it is **D454DD**.

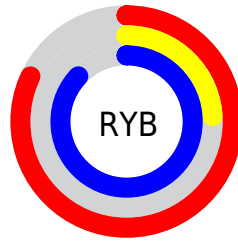
Distribution



Red (82%)

Green (24%)

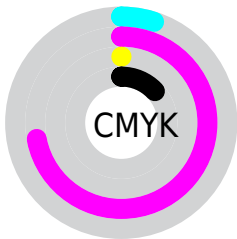
Blue (87%)



Red (82%)

Yellow (24%)

Blue (87%)

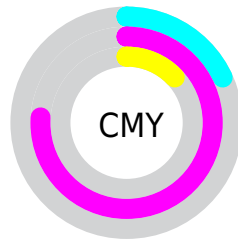


Cyan (5%)

Magenta (72%)

Yellow (0%)

Black (13%)



Cyan (18%)

Magenta (76%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color D23EDD 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 D23EDD by changing the saturation by 10% instead.

 D23EDD

 D23EDD

FFFFFF

 B415C1

 FF7BFF

 9700A5

 FF98FF

 7B008A

 FFB5FF

 5E0070

 FFD3FF

 430057

 FFF1FF

 27003F

 000028

 000111

 000000

 D23EDD

 D23EDD

 D028DD

 D454DD

 CF12DD

 D56ADD

 CE00DD

 D780DD

 D896DD

 DAADDD

 DBC3DD

 DDD9DD

 DEEFDD

 E0FFDD

Harmonies

Analogous

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



4E73FF



D23EDD



FF0092

Triad

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



D23EDD



A87B00



00A2C5

Complementary

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



D23EDD



49DD3E

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.



00A174



D23EDD



5C9100

Square

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



D23EDD



E15500



009C16



009FFF

Rectangle

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



D23EDD



FF005D



009C16



00A2AB

Sweetspot

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



D23EDD



FBC7FF



3E4BDD



7D5E80



000000



808080

Same Dimension

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



D23EDD



F024FF



DD3E9B



6D636E



A100AD



2B002E

Inverse Universe

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



DD3E49



FF2433



3EDD80



6E6363



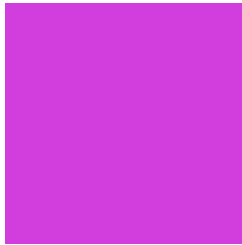
AD000C



2E0003

Previews

White Background



This preview shows how the Hex color D23EDD 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 D23EDD Background



This preview shows how black text looks on a background with the Hex color D23EDD.

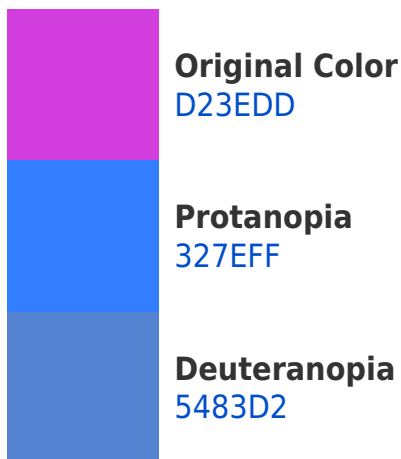



This preview shows how white text looks on a background with the Hex color D23EDD.

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
C4656C

Trichromacy



Original Color
D23EDD



Protanomaly
6C67F3



Deuteranomaly
826AD6



Tritanomaly
C95795

Monochromacy



Original Color
D23EDD



Achromatopsia
7C7C7C



Achromatomaly
9B659F

CSS Examples

Text

The CSS property to change the color of the text to Hex D23EDD 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 #D23EDD looks like.

```
.text, #text, p{  
  color:#D23EDD  
}
```

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 #D23EDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D23EDD
}
```

Border

The CSS property to change the border of an element to Hex D23EDD 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
#D23EDD }
```

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

```
.border{ border-color:#D23EDD }
```

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

Here you see how a box with a 4 pixel #D23EDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D23EDD; -webkit-box-shadow:4px 4px  
4px 4px #D23EDD; box-shadow:4px 4px 4px  
4px #D23EDD }
```

Background

The CSS property to change the background color of an element to Hex D23EDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D23EDD }
```

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

```
.background{ background-color:#D23EDD }
```

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