

Converting Colors

Hex(D33BED)

Have a look what the booklet for
Hex(D33BED) contains.

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Color

Hex(D33BED)

Conversions

Conversions Part 1

Format	Color
Hex	D33BED
RGB	211, 59, 237
RGB Percent	83%, 23%, 93%
CMY	0.1725, 0.7686, 0.0706
CMYK	0.11, 0.75, 0.00, 0.07
HSL	291°, 83%, 58%
HSV	291°, 75%, 93%
XYZ	43.7140, 23.0912, 82.2738
YIQ	124.7400, 33.4540, 87.5820

Conversions

Conversions Part 2

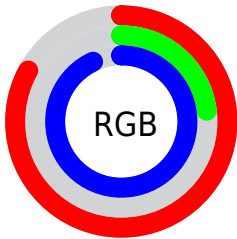
Format	Color
R_{YB}	211, 59, 237
Decimal	13843437
CIE _{Lab}	55.17, 79.20, -59.46
CIE _{LCh}	55, 99.038, 323.100
Yxy	23.0912, 0.2932, 0.1549
Android (android.graphics.Color)	4292033517 (0xFFD33BED)
YUV	124.7400, 55.3442, 75.6500
Hunter-Lab	48.0533, 78.2876, -67.8752

Details

The Hex color **D33BED** 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 **55ED3B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF79FF**, and **9800B4** is the 20% darker color. If you saturate the color by 10%, you get **D023ED**, and if you desaturate by 10%, it is **D653ED**.

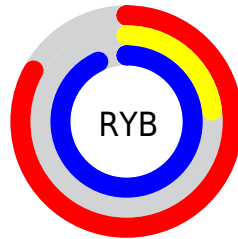
Distribution



Red (83%)

Green (23%)

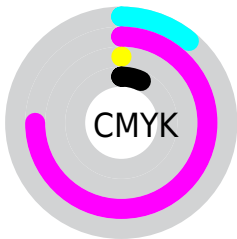
Blue (93%)



Red (83%)

Yellow (23%)

Blue (93%)

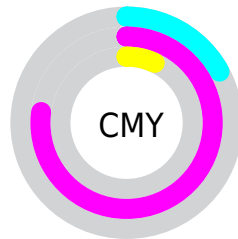


Cyan (11%)

Magenta (75%)

Yellow (0%)

Black (7%)



Cyan (17%)

Magenta (77%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color D33BED 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 D33BED by changing the saturation by 10% instead.

 D33BED

 D33BED

FFFFFF

 B50BD0

 FF79FF

 9800B4

 FF97FF

 7B0099

 FFB4FF

 5E007E

 FFD2FF

 410064

 FFF0FF

 24004B

 000033

 00021D

 000000

 D33BED

 D33BED

 D023ED

 D653ED

 CC0CED

 DA6AED

 CA00ED

 DD82ED

 E19AED

 E4B2ED

 E8C9ED

 EBE1ED

 EFF9ED

 F2FFED

Harmonies

Analogous

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



0077FF



D33BED



FF009C

Triad

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



D33BED



B17A00



00A6C6

Complementary

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



D33BED



55ED3B

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.



00A56D



D33BED



609300

Square

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



D33BED



ED4C00



009F00



00A3FF

Rectangle

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



D33BED



FF0063



009F00



00A6A9

Sweetspot

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



D33BED



F6C4FF



3B56ED



7A5C80



000000



808080

Same Dimension

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



D33BED



DD19FF



ED3BAF



746A75



9B00B5



2E0036

Inverse Universe

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



ED3B55



FF193B



3BED79



756A6B



B5001A



360008

Previews

White Background



This preview shows how the Hex color D33BED 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 D33BED Background



This preview shows how black text looks on a background with the Hex color D33BED.

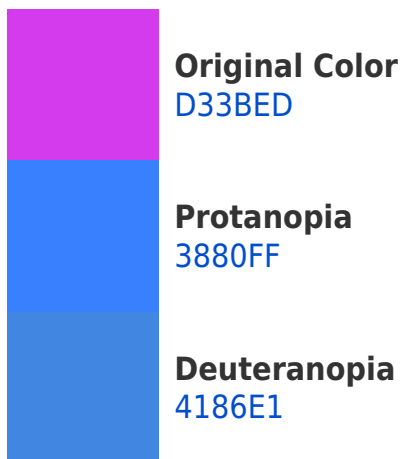



This preview shows how white text looks on a background with the Hex color D33BED.

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
C36971

Trichromacy



Original Color
D33BED



Protanomaly
7067F8



Deuteranomaly
766BE5



Tritanomaly
C9589E

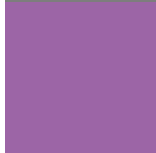
Monochromacy



Original Color
D33BED



Achromatopsia
7D7D7D



Achromatomaly
9C65A6

CSS Examples

Text

The CSS property to change the color of the text to Hex D33BED 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 #D33BED looks like.

```
.text, #text, p{  
    color:#D33BED  
}
```

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 #D33BED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33BED
}
```

Border

The CSS property to change the border of an element to Hex D33BED 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
#D33BED }
```

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

```
.border{ border-color:#D33BED }
```

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

Here you see how a box with a 4 pixel #D33BED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33BED; -webkit-box-shadow:4px 4px  
4px 4px #D33BED; box-shadow:4px 4px 4px  
4px #D33BED }
```

Background

The CSS property to change the background color of an element to Hex D33BED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33BED }
```

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

```
.background{ background-color:#D33BED }
```

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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