

Converting Colors

Hex(D335B3)

Have a look what the booklet for
Hex(D335B3) contains.

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Color

Hex(D335B3)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D335B3 |
| RGB | 211, 53, 179 |
| RGB Percent | 83%, 21%, 70% |
| CMY | 0.1725, 0.7922, 0.2980 |
| CMYK | 0.00, 0.75, 0.15, 0.17 |
| HSL | 312°, 64%, 52% |
| HSV | 312°, 75%, 83% |
| XYZ | 36.2738, 19.6498, 44.5288 |
| YIQ | 114.6060, 53.7220, 72.6820 |

Conversions

Conversions Part 2

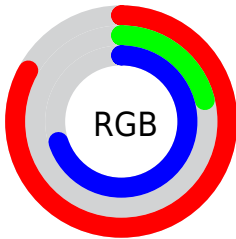
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 211, 53, 179 |
| Decimal | 13841843 |
| CIE _{Lab} | 51.44, 71.99, -32.18 |
| CIE _{LCh} | 51, 78.858, 335.916 |
| Yxy | 19.6498, 0.3611, 0.1956 |
| Android (android.graphics.Color) | 4292031923 (0xFFD335B3) |
| YUV | 114.6060, 31.7462, 84.5375 |
| Hunter-Lab | 44.3281, 68.4929, -28.5288 |

Details

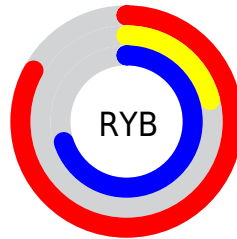
The Hex color **D335B3** is a light color, and the websafe version is hex **CC0099**. The color can be described as light muted rose. A complement of this color would be **35D355**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF73EB**, and **98007E** is the 20% darker color. If you saturate the color by 10%, you get **D320AF**, and if you desaturate by 10%, it is **D34AB7**.

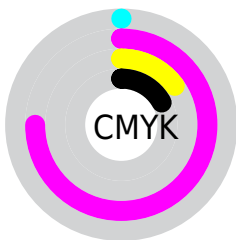
Distribution



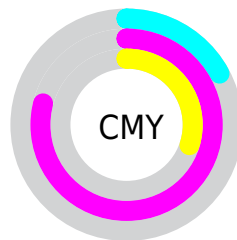
- Red (83%)
- Green (21%)
- Blue (70%)



- Red (83%)
- Yellow (21%)
- Blue (70%)



- Cyan (0%)
- Magenta (75%)
- Yellow (15%)
- Black (17%)



- Cyan (17%)
- Magenta (79%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color D335B3 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 D335B3 by changing the saturation by 10% instead.

 D335B3

 D335B3

FFFFFF

 B50098

 FF73EB

 98007E

 FF90FF

 7C0064

 FFADFF

 5F004C

 FFCBFF

 450035

 FFE8FF

 28001F

 000000

 D335B3

 D335B3

 D320AF

 D34AB7

 D30BAA

 D35FBC

 D300A8

 D374C0

 D389C4

 D39FC8

 D3B4CD

 D3C9D1

 D3DED5

 D3F3D9

Harmonies

Analogous

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



8761E9



D335B3



EE1070

Triad

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



D335B3



897C00



0096C9

Complementary

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



D335B3



35D355

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.



009787



D335B3



3E8C00

Square

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



D335B3



BF6200



00943F



0090F7

Rectangle

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



D335B3



EA2A45



00943F



0097B4

Sweetspot

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



D335B3



FFC7F4



5535D3



805E79



000000



808080

Same Dimension

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



D335B3



FF19D1



D33564



695E66



A80086



290021

Inverse Universe

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



D335B3



FF19D1



35D3A4



695E66



A80086



290021

Previews

White Background



This preview shows how the Hex color D335B3 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

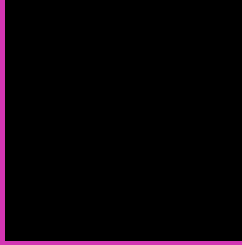
Any Text WCAG AA ✓ Pass

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 D335B3 Background



This preview shows how black text looks on a background with the Hex color D335B3.

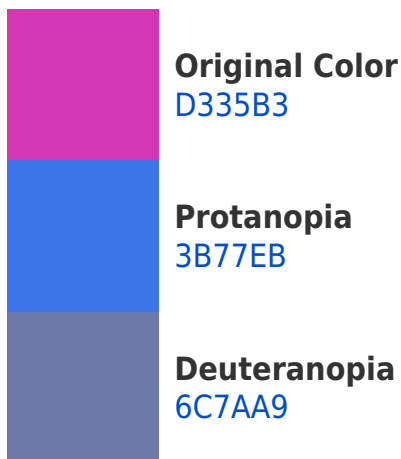


This preview shows how white text looks on a background with the Hex color D335B3.

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



Trichromacy



Original Color
D335B3



Protanomaly
725FD7



Deuteranomaly
9161AD



Tritanomaly
CE487A

Monochromacy



Original Color
D335B3



Achromatopsia
737373



Achromatomaly
965C8A

CSS Examples

Text

The CSS property to change the color of the text to Hex D335B3 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 #D335B3 looks like.

```
.text, #text, p{  
    color:#D335B3  
}
```

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 #D335B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D335B3
}
```

Border

The CSS property to change the border of an element to Hex D335B3 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
#D335B3 }
```

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

```
.border{ border-color:#D335B3 }
```

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

Here you see how a box with a 4 pixel #D335B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D335B3; -webkit-box-shadow:4px 4px  
4px 4px #D335B3; box-shadow:4px 4px 4px  
4px #D335B3 }
```

Background

The CSS property to change the background color of an element to Hex D335B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D335B3 }
```

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

```
.background{ background-color:#D335B3 }
```

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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