

Converting Colors

Hex(D35DD1)

Have a look what the booklet for
Hex(D35DD1) contains.

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Color

Hex(D35DD1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D35DD1 |
| RGB | 211, 93, 209 |
| RGB Percent | 83%, 36%, 82% |
| CMY | 0.1725, 0.6353, 0.1804 |
| CMYK | 0.00, 0.56, 0.01, 0.17 |
| HSL | 301°, 57%, 60% |
| HSV | 301°, 56%, 83% |
| XYZ | 42.2869, 26.2810, 63.1656 |
| YIQ | 141.5060, 33.0920, 61.0920 |

Conversions

Conversions Part 2

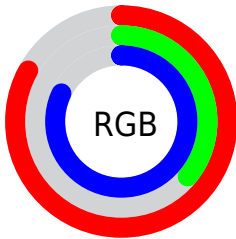
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 211, 93, 209 |
| Decimal | 13852113 |
| CIE _{Lab} | 58.30, 61.43, -38.69 |
| CIE _{LCh} | 58, 72.603, 327.794 |
| Yxy | 26.2810, 0.3210, 0.1995 |
| Android (android.graphics.Color) | 4292042193 (0xFFD35DD1) |
| YUV | 141.5060, 33.2745, 60.9462 |
| Hunter-Lab | 51.2650, 57.5253, -37.1679 |

Details

The Hex color **D35DD1** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5DD35F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF95FF**, and **9A219A** is the 20% darker color. If you saturate the color by 10%, you get **D348D1**, and if you desaturate by 10%, it is **D372D1**.

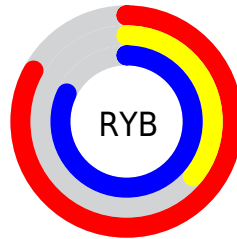
Distribution



Red (83%)

Green (36%)

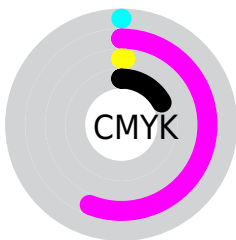
Blue (82%)



Red (83%)

Yellow (36%)

Blue (82%)

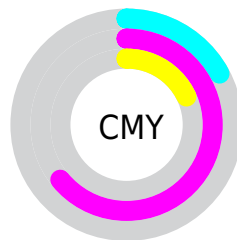


Cyan (0%)

Magenta (56%)

Yellow (1%)

Black (17%)



Cyan (17%)

Magenta (64%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color D35DD1 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 D35DD1 by changing the saturation by 10% instead.

 D35DD1

 D35DD1

FFFFFF

 B641B5

 FF95FF

 9A219A

 FFB1FF

 7E0080

 FFCEFF

 620066

 FFE8FF

 47004E

 2F0036

 070020

 000003

 000000

 D35DD1

 D35DD1

 D348D1

 D372D1

 D333D0

 D387D2

 D31ED0

 D39CD2

 D309D0

 D3B1D2

 D300CF

 D3C6D3

 D3DCD3

 D3F1D4

 D3FFD4

Harmonies

Analogous

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



7E7DFE



D35DD1



F84594

Triad

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



D35DD1



AD8800



00A8C6

Complementary

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



D35DD1



5DD35F

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.



00A885



D35DD1



6E9A00

Square

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



D35DD1



DC6D17



00A443



00A3F8

Rectangle

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



D35DD1



FC4869



00A443



00A9B1

Sweetspot

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



D35DD1



FFD4FE



5F5DD3



80667F



000000



808080

Same Dimension

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



D35DD1



FF54FC



D35D96



695E68



A800A5



290028

Inverse Universe

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



D35DD1



FF54FC



5DD39A



695E68



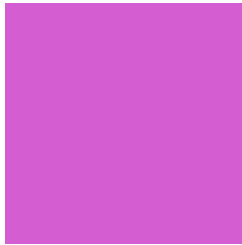
A800A5



290028

Previews

White Background



This preview shows how the Hex color D35DD1 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

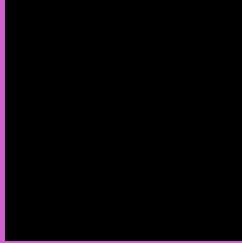
Any Text WCAG AA ✓ Pass

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 D35DD1 Background



This preview shows how black text looks on a background with the Hex color D35DD1.

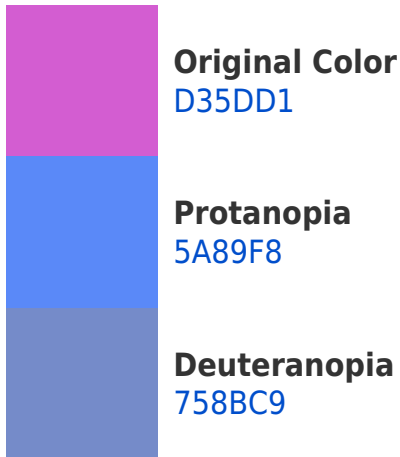


This preview shows how white text looks on a background with the Hex color D35DD1.

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](#).

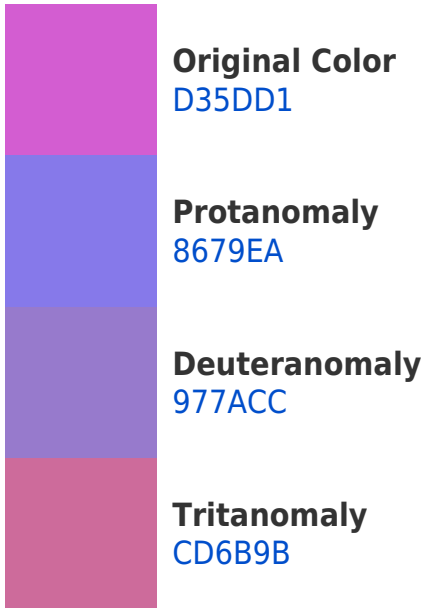
Dichromacy



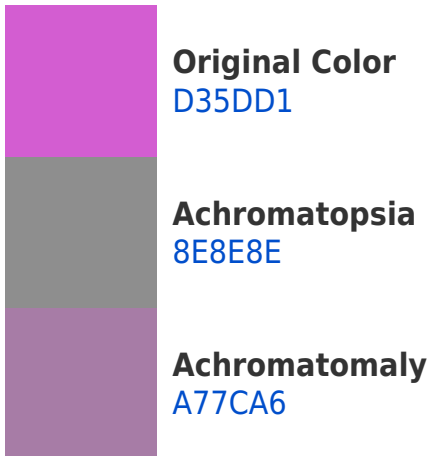


Tritanopia
C9737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D35DD1 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 #D35DD1 looks like.

```
.text, #text, p{  
    color:#D35DD1  
}
```

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 #D35DD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D35DD1
}
```

Border

The CSS property to change the border of an element to Hex D35DD1 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
#D35DD1 }
```

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

```
.border{ border-color:#D35DD1 }
```

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

Here you see how a box with a 4 pixel #D35DD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D35DD1; -webkit-box-shadow:4px 4px  
4px 4px #D35DD1; box-shadow:4px 4px 4px  
4px #D35DD1 }
```

Background

The CSS property to change the background color of an element to Hex D35DD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D35DD1 }
```

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

```
.background{ background-color:#D35DD1 }
```

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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