

Converting Colors

Hex(DD4DE2)

Have a look what the booklet for
Hex(DD4DE2) contains.

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Color

Hex(DD4DE2)

Conversions

Conversions Part 1

Format	Color
Hex	DD4DE2
RGB	221, 77, 226
RGB Percent	87%, 30%, 89%
CMY	0.1333, 0.6980, 0.1137
CMYK	0.02, 0.66, 0.00, 0.11
HSL	298°, 72%, 59%
HSV	298°, 66%, 89%
XYZ	46.2001, 26.1709, 74.5680
YIQ	137.0420, 37.9950, 76.8670

Conversions

Conversions Part 2

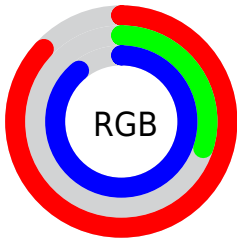
Format	Color
R _Y B	221, 77, 226
Decimal	14503394
CIE Lab	58.20, 73.31, -48.36
CIE LCh	58, 87.824, 326.588
Yxy	26.1709, 0.3144, 0.1781
Android (android.graphics.Color)	4292693474 (0xFFDD4DE2)
YUV	137.0420, 43.8563, 73.6312
Hunter-Lab	51.1575, 71.6770, -50.6118

Details

The Hex color **DD4DE2** 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 **52E24D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF88FF**, and **A200AA** is the 20% darker color. If you saturate the color by 10%, you get **DC36E2**, and if you desaturate by 10%, it is **DE64E2**.

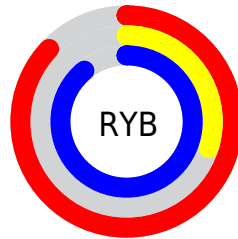
Distribution



Red (87%)

Green (30%)

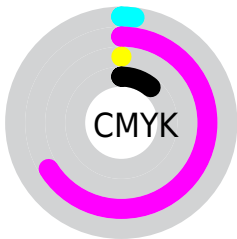
Blue (89%)



Red (87%)

Yellow (30%)

Blue (89%)

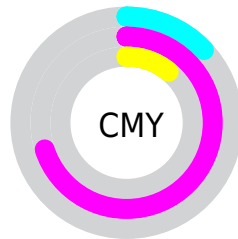


Cyan (2%)

Magenta (66%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (70%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD4DE2 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 DD4DE2 by changing the saturation by 10% instead.

 DD4DE2

FFFFFF

 FF88FF

 FFA5FF

 FFC2FF

 FFE0FF

FFFEFF

 DD4DE2

 BF2CC6

 A200AA

 85008F

 690075

 4D005B

 340043

 12002C

 000116

 000000

 DD4DE2

 DD4DE2

 DC36E2

 DE64E2

 DB20E2

 DF7AE2

 DB09E2

 DF91E2

 DA00E2

 E0A7E2

 E1BEE2

 E2D5E2

 E2EBE2

 E3FFE2

 E4FFE2

Harmonies

Analogous

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



697BFF



DD4DE2



FF1198

Triad

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



DD4DE2



B18600



00ACCF

Complementary

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



DD4DE2



52E24D

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.



00AB80



DD4DE2



669B00

Square

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



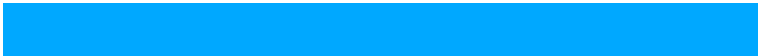
DD4DE2



E96300



00A62C



00A8FF

Rectangle

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



DD4DE2



FF1C65



00A62C



00ACB6

Sweetspot

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



DD4DE2



FDCCFF



4D54E2



7E6180



000000



808080

Same Dimension

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



DD4DE2



F836FF



E24D9F



706570



AA00B0



2F0030

Inverse Universe

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



E24D52



FF363C



4DE290



706565



B00006



300002

Previews

White Background



This preview shows how the Hex color DD4DE2 looks on a white background.

Color Contrast Check

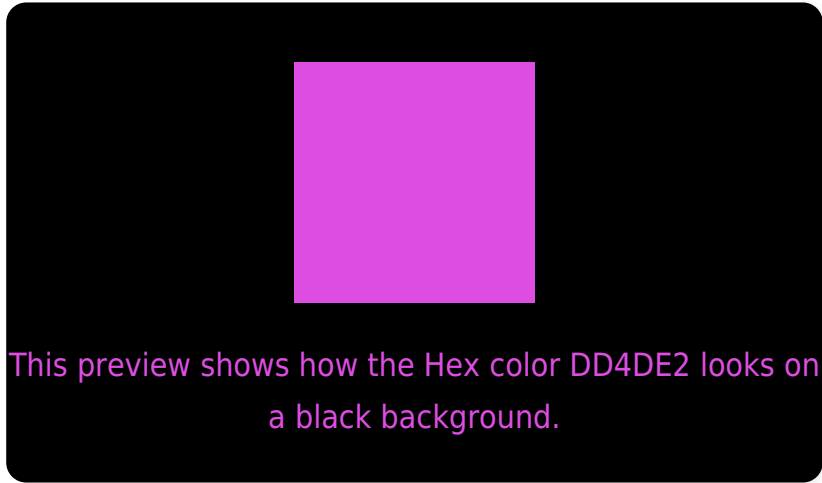
Large Text (above 18pt) WCAG AA ✓ Pass

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

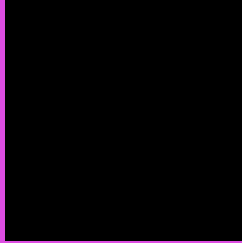
Any Text WCAG AA ✓ Pass

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 DD4DE2 Background



This preview shows how black text looks on a background with the Hex color DD4DE2.

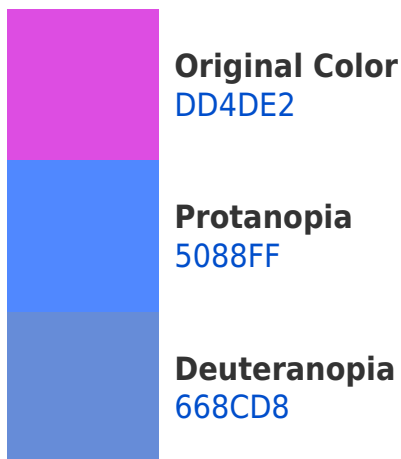


This preview shows how white text looks on a background with the Hex color DD4DE2.

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](#).

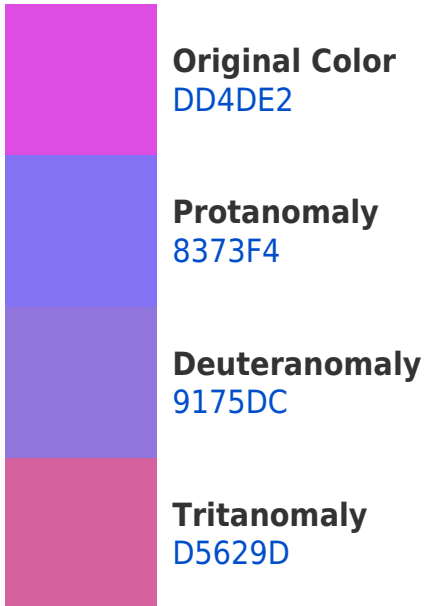
Dichromacy



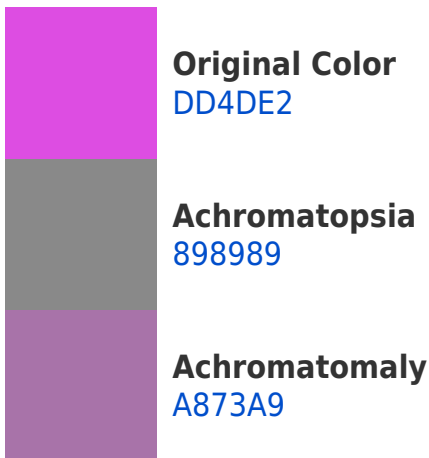


Tritanopia
D06E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD4DE2 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 #DD4DE2 looks like.

```
.text, #text, p{  
  color:#DD4DE2  
}
```

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 #DD4DE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD4DE2
}
```

Border

The CSS property to change the border of an element to Hex DD4DE2 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
#DD4DE2 }
```

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

```
.border{ border-color:#DD4DE2 }
```

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

Here you see how a box with a 4 pixel #DD4DE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD4DE2; -webkit-box-shadow:4px 4px  
4px 4px #DD4DE2; box-shadow:4px 4px 4px  
4px #DD4DE2 }
```

Background

The CSS property to change the background color of an element to Hex DD4DE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD4DE2 }
```

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

```
.background{ background-color:#DD4DE2 }
```

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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