

Converting Colors

Hex(D643CE)

Have a look what the booklet for
Hex(D643CE) contains.

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Color

Hex(D643CE)

Conversions

Conversions Part 1

Format	Color
Hex	D643CE
RGB	214, 67, 206
RGB Percent	84%, 26%, 81%
CMY	0.1608, 0.7373, 0.1922
CMYK	0.00, 0.69, 0.04, 0.16
HSL	303°, 64%, 55%
HSV	303°, 69%, 84%
XYZ	40.8793, 22.7667, 60.6324
YIQ	126.7990, 42.9930, 74.3930

Conversions

Conversions Part 2

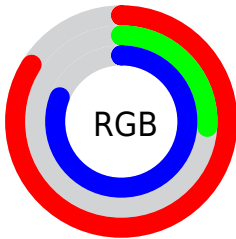
Format	Color
RYB	214, 67, 206
Decimal	14042062
CIELab	54.83, 72.11, -42.42
CIElCh	55, 83.664, 329.534
Yxy	22.7667, 0.3289, 0.1832
Android (android.graphics.Color)	4292232142 (0xFFD643CE)
YUV	126.7990, 39.0461, 76.4753
Hunter-Lab	47.7144, 69.4294, -41.9417

Details

The Hex color **D643CE** 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 **43D64B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF7FFF**, and **9B0097** is the 20% darker color. If you saturate the color by 10%, you get **D62ECD**, and if you desaturate by 10%, it is **D658CF**.

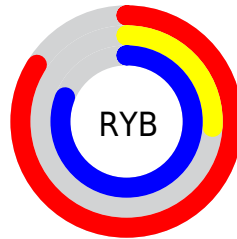
Distribution



Red (84%)

Green (26%)

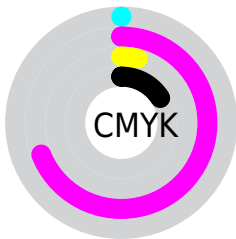
Blue (81%)



Red (84%)

Yellow (26%)

Blue (81%)

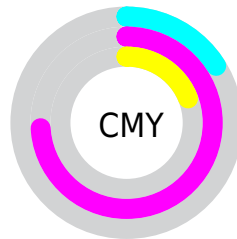


Cyan (0%)

Magenta (69%)

Yellow (4%)

Black (16%)



Cyan (16%)

Magenta (74%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color D643CE 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 D643CE by changing the saturation by 10% instead.

 D643CE

 D643CE

FFFFFF

 B81EB2

 FF7FFF

 9B0097

 FF9CFF

 7F007D

 FFB9FF

 630063

 FFD6FF

 47004B

 FFF4FF

 2D0033

 00001D

 000000

 D643CE

 D643CE

 D62ECD

 D658CF

 D618CC

 D66ED0

 D603CB

 D683D1

 D600CA

 D699D3

 D6AED4

 D6C3D5

 D6D9D6

 D6EED7

 D6FFD8

Harmonies

Analogous

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



7370FF



D643CE



FC0D88

Triad

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



D643CE



A08000



00A2C9

Complementary

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



D643CE



43D64B

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.



00A180



D643CE



579300

Square

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



D643CE



D76000



009D32



009CFF

Rectangle

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



D643CE



FE2058



009D32



00A2B2

Sweetspot

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



D643CE



FFC9FC



4A43D6



80607E



000000



808080

Same Dimension

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



D643CE



FF2EF4



D64385



6B606B



AB00A2



2B0029

Inverse Universe

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



D643CE



FF2EF4



43D694



6B606B



AB00A2



2B0029

Previews

White Background



This preview shows how the Hex color D643CE 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 D643CE Background



This preview shows how black text looks on a background with the Hex color D643CE.

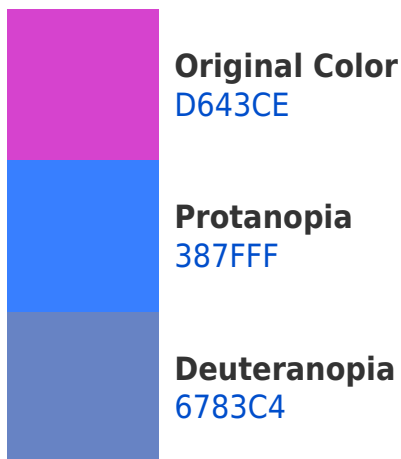



This preview shows how white text looks on a background with the Hex color D643CE.

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
CB636A

Trichromacy



Original Color
D643CE



Protanomaly
7169ED



Deuteranomaly
8F6CC8



Tritanomaly
CF578E

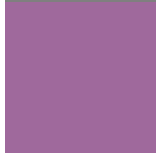
Monochromacy



Original Color
D643CE



Achromatopsia
7F7F7F



Achromatomaly
9F699C

CSS Examples

Text

The CSS property to change the color of the text to Hex D643CE 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 #D643CE looks like.

```
.text, #text, p{  
    color:#D643CE  
}
```

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 #D643CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D643CE
}
```

Border

The CSS property to change the border of an element to Hex D643CE 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
#D643CE }
```

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

```
.border{ border-color:#D643CE }
```

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

Here you see how a box with a 4 pixel #D643CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D643CE; -webkit-box-shadow:4px 4px  
4px 4px #D643CE; box-shadow:4px 4px 4px  
4px #D643CE }
```

Background

The CSS property to change the background color of an element to Hex D643CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D643CE }
```

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

```
.background{ background-color:#D643CE }
```

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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