

Converting Colors

Hex(D42871)

Have a look what the booklet for
Hex(D42871) contains.

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Color

Hex(D42871)

Conversions

Conversions Part 1

Format	Color
Hex	D42871
RGB	212, 40, 113
RGB Percent	83%, 16%, 44%
CMY	0.1686, 0.8431, 0.5569
CMYK	0.00, 0.81, 0.47, 0.17
HSL	335°, 68%, 49%
HSV	335°, 81%, 83%
XYZ	30.8908, 16.7069, 17.2194
YIQ	99.7500, 79.0790, 59.1670

Conversions

Conversions Part 2

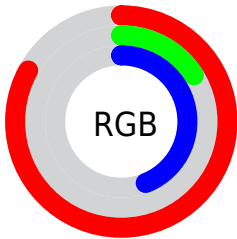
Format	Color
R_{YB}	212, 40, 113
Decimal	13903985
CIE _{Lab}	47.89, 68.39, 2.00
CIE _{LCh}	48, 68.417, 1.673
Yxy	16.7069, 0.4766, 0.2578
Android (android.graphics.Color)	4292094065 (0xFFD42871)
YUV	99.7500, 6.5323, 98.4433
Hunter-Lab	40.8741, 63.3728, 3.6342

Details

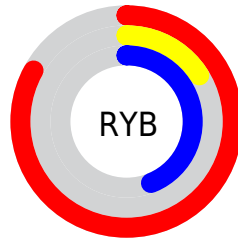
The Hex color **D42871** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **28D48B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF69A5**, and **970042** is the 20% darker color. If you saturate the color by 10%, you get **D41365**, and if you desaturate by 10%, it is **D43D7D**.

Distribution



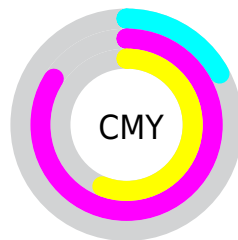
- Red (83%)
- Green (16%)
- Blue (44%)



- Red (83%)
- Yellow (16%)
- Blue (44%)



- Cyan (0%)
- Magenta (81%)
- Yellow (47%)
- Black (17%)



- Cyan (17%)
- Magenta (84%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color D42871 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 D42871 by changing the saturation by 10% instead.

 D42871

 D42871

FFFFFF

 B50059

 FF69A5

 970042

 FF86C0

 79002C

 FFA3DB

 5C0018

 FFC0F8

 400003

 FFDEFF

 1E0001

 FFFCFF

 000000

 D42871

 D42871

 D41365

 D43D7D

 D4005A

 D45289

 D46896

 D47DA2

 D492AE

 D4A7BA

 D4BCC6

 D4D2D3

 D4E7DF

Harmonies

Analogous

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



B840A9



D42871



D03A39

Triad

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



D42871



4C7F00



0085D8

Complementary

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



D42871



28D48B

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.



008AAD



D42871



008737

Square

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



D42871



877000



008A73



0078E6

Rectangle

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



D42871



BF4F11



008A73



0088CC

Sweetspot

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



D42871



FFC2DC



8928D4



805B6A



000000



808080

Same Dimension

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



D42871



FF0871



D43328



6B6065



AB0049



2B0012

Inverse Universe

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



D42871



FF0871



28C9D4



6B6065



AB0049



2B0012

Previews

White Background



This preview shows how the Hex color D42871 looks on a white background.

Color Contrast Check

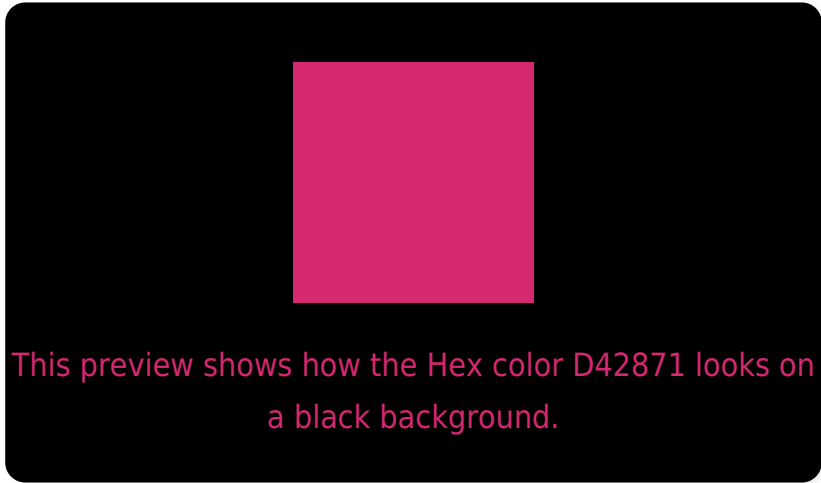
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

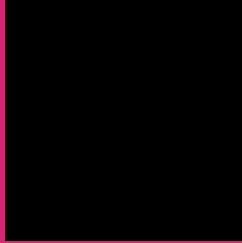
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D42871 Background



This preview shows how black text looks on a background with the Hex color D42871.



This preview shows how white text looks on a background with the Hex color D42871.

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



Original Color
D42871

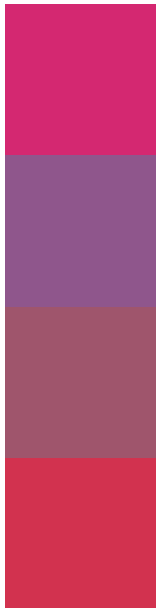
Protanopia
67719B

Deuteranopia
816E69



Tritanopia
D1383B

Trichromacy



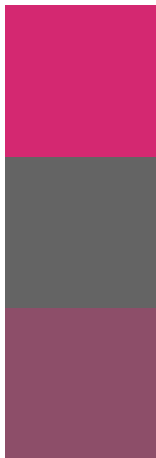
Original Color
D42871

Protanomaly
8F568C

Deuteranomaly
9F556C

Tritanomaly
D2324F

Monochromacy



Original Color
D42871

Achromatopsia
646464

Achromatomaly
8D4E69

CSS Examples

Text

The CSS property to change the color of the text to Hex D42871 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 #D42871 looks like.

```
.text, #text, p{  
    color:#D42871  
}
```

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 #D42871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D42871
}
```

Border

The CSS property to change the border of an element to Hex D42871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

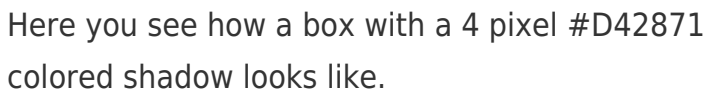
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D42871 }
```

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

```
.border{ border-color:#D42871 }
```

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



Here you see how a box with a 4 pixel #D42871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D42871; -webkit-box-shadow:4px 4px  
4px 4px #D42871; box-shadow:4px 4px 4px  
4px #D42871 }
```

Background

The CSS property to change the background color of an element to Hex D42871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D42871 }
```

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

```
.background{ background-color:#D42871 }
```

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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