

Converting Colors

Hex(D02873)

Have a look what the booklet for
Hex(D02873) contains.

Hex(D02873)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D02873)

Conversions

Conversions Part 1

Format	Color
Hex	D02873
RGB	208, 40, 115
RGB Percent	82%, 16%, 45%
CMY	0.1843, 0.8431, 0.5490
CMYK	0.00, 0.81, 0.45, 0.18
HSL	333°, 68%, 49%
HSV	333°, 81%, 82%
XYZ	29.8657, 16.1653, 17.7658
YIQ	98.7820, 76.0530, 58.9410

Conversions

Conversions Part 2

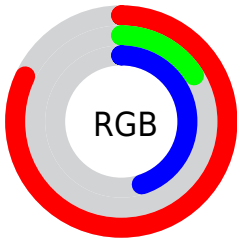
Format	Color
R_{YB}	208, 40, 115
Decimal	13641843
CIE _{Lab}	47.19, 67.55, -0.34
CIE _{LCh}	47, 67.551, 359.713
Yxy	16.1653, 0.4681, 0.2534
Android (android.graphics.Color)	4291831923 (0xFFD02873)
YUV	98.7820, 7.9955, 95.7842
Hunter-Lab	40.2061, 62.2321, 1.9459

Details

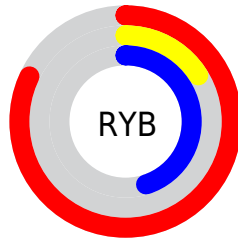
The Hex color **D02873** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **28D085**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF68A7**, and **940043** is the 20% darker color. If you saturate the color by 10%, you get **D01367**, and if you desaturate by 10%, it is **D03D7F**.

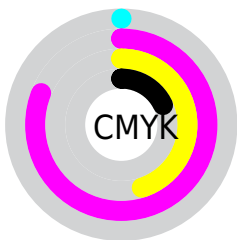
Distribution



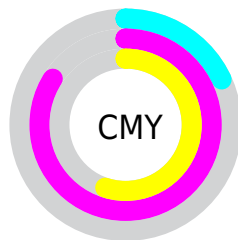
- Red (82%)
- Green (16%)
- Blue (45%)



- Red (82%)
- Yellow (16%)
- Blue (45%)



- Cyan (0%)
- Magenta (81%)
- Yellow (45%)
- Black (18%)



- Cyan (18%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color D02873 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 D02873 by changing the saturation by 10% instead.

 D02873

 D02873

FFFFFF

 B2005B

 FF68A7

 940043

 FF85C2

 76002D

 FFA2DE

 590019

 FFBFFA

 3E0003

 FFDDFF

 190001

 FFFBFF

 000000

 D02873

 D02873

 D01367

 D03D7F

 D0005D

 D0528A

 D06696

 D07BA1

 D090AD

 D0A5B8

 D0BAC4

 D0CECF

 D0E3DB

Harmonies

Analogous

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



B241AA



D02873



CE373B

Triad

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



D02873



4F7D00



0084D2

Complementary

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



D02873



28D085

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.



0088A7



D02873



008532

Square

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



D02873



886D00



00886E



0077E3

Rectangle

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



D02873



BE4C15



00886E



0086C6

Sweetspot

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



D02873



FFC2DD



8428D0



805B6B



000000



808080

Same Dimension

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



D02873



FF0876



D03028



695E63



A8004B



290012

Inverse Universe

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



D02873



FF0876



28C8D0



695E63



A8004B



290012

Previews

White Background



This preview shows how the Hex color D02873 looks on a white background.

Color Contrast Check

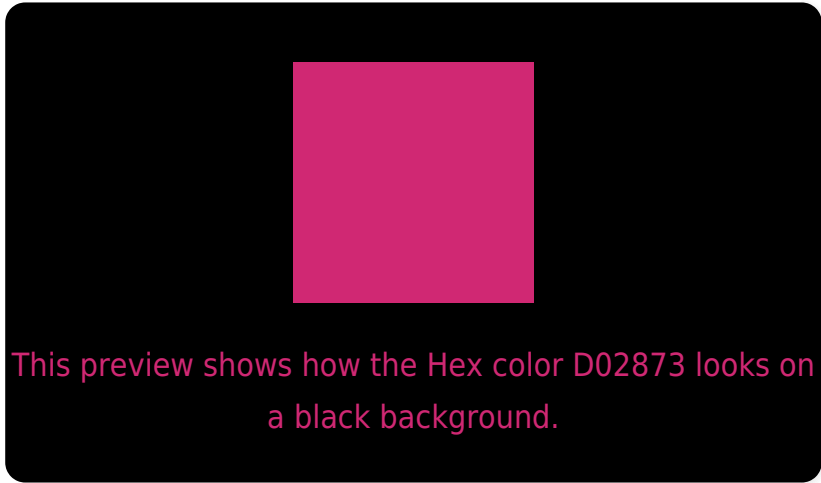
Large Text (above 18pt) WCAG AA ✓ Pass

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 D02873 Background



This preview shows how black text looks on a background with the Hex color D02873.

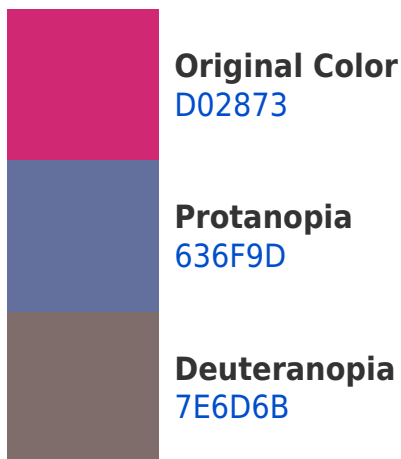


This preview shows how white text looks on a background with the Hex color D02873.

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
D02873



Protanomaly
8B558E



Deuteranomaly
9C546E



Tritanomaly
CE334F

Monochromacy



Original Color
D02873



Achromatopsia
636363



Achromatomaly
8B4E69

CSS Examples

Text

The CSS property to change the color of the text to Hex D02873 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 #D02873 looks like.

```
.text, #text, p{  
    color:#D02873  
}
```

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 #D02873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D02873
}
```

Border

The CSS property to change the border of an element to Hex D02873 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
#D02873 }
```

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

```
.border{ border-color:#D02873 }
```

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

Here you see how a box with a 4 pixel #D02873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D02873; -webkit-box-shadow:4px 4px  
4px 4px #D02873; box-shadow:4px 4px 4px  
4px #D02873 }
```

Background

The CSS property to change the background color of an element to Hex D02873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D02873 }
```

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

```
.background{ background-color:#D02873 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor