

# Converting Colors

Hex(D42889)

Have a look what the booklet for  
Hex(D42889) contains.

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**Color**

**Hex(D42889)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D42889
RGB	212, 40, 137
RGB Percent	83%, 16%, 54%
CMY	0.1686, 0.8431, 0.4627
CMYK	0.00, 0.81, 0.35, 0.17
HSL	326°, 68%, 49%
HSV	326°, 81%, 83%
XYZ	32.4255, 17.3208, 25.3011
YIQ	102.4860, 71.3750, 66.6310

# Conversions

## Conversions Part 2

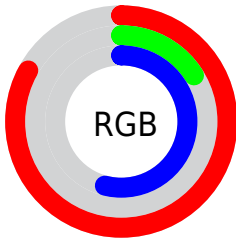
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">212, 40, 137</a>
Decimal	<a href="#">13904009</a>
CIELab	<a href="#">48.66, 70.66, -11.47</a>
CIELCh	<a href="#">49, 71.582, 350.778</a>
Yxy	<a href="#">17.3208, 0.4321, 0.2308</a>
Android (android.graphics.Color)	<a href="#">4292094089 (0xFFD42889)</a>
YUV	<a href="#">102.4860, 17.0154, 96.0438</a>
Hunter-Lab	<a href="#">41.6182, 66.2407, -6.9116</a>

# Details

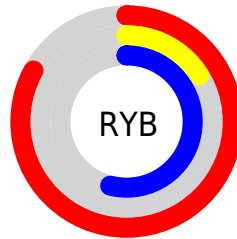
The Hex color **D42889** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **28D473**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF69BE**, and **980057** is the 20% darker color. If you saturate the color by 10%, you get **D41380**, and if you desaturate by 10%, it is **D43D92**.

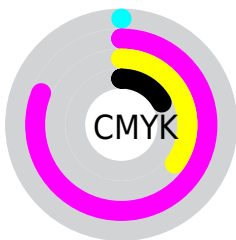
# Distribution



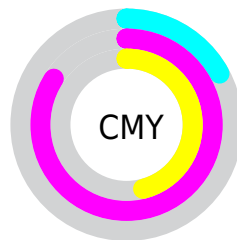
- Red (83%)
- Green (16%)
- Blue (54%)



- Red (83%)
- Yellow (16%)
- Blue (54%)



- Cyan (0%)
- Magenta (81%)
- Yellow (35%)
- Black (17%)



- Cyan (17%)
- Magenta (84%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D42889 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 D42889 by changing the saturation by 10% instead.



 D42889

 D42889

FFFFFF

 B60070

 FF69BE

 980057

 FF87DA

 7B0040

 FFA4F7

 5E002A

 FFC1FF

 430016

 FFDFFF

 240001

 FFFDFF

 000000

 D42889

 D42889

 D41380

 D43D92

 D40078

 D4529B

 D468A5

 D47DAE

 D492B7

 D4A7C0

 D4BCCA

 D4D2D3

 D4E7DC

# Harmonies

## Analogous

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



A84CC1



D42889



DB2B4D

# Triad

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



D42889



647D00



008BD1

# Complementary

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



D42889



28D473

# 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.



008E9D



D42889



00881B

# Square

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



D42889



9C6A00



008C5E



0081EC

# Rectangle

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



D42889



CF4226



008C5E



008CC2



# Sweetspot

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



D42889



FFC2E4



7328D4



805B6F



000000



808080



# Same Dimension

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



D42889



FF0893



D42833



6B6066



AB0060



2B0018



# Inverse Universe

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



D42889



FF0893



28D4C9



6B6066



AB0060



2B0018



# Previews

## White Background



This preview shows how the Hex color D42889 looks on a white background.

## Color Contrast Check

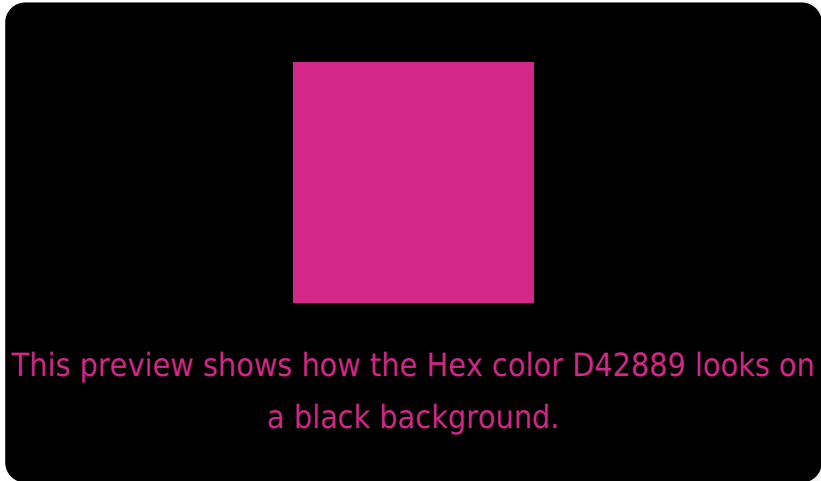
Large Text (above 18pt) WCAG AA ✓ Pass

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 D42889 Background



This preview shows how black text looks on a background with the Hex color D42889.



This preview shows how white text looks on a background with the Hex color D42889.

# 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**  
D42889



**Protanomaly**  
8557A9



**Deuteranomaly**  
9B5683

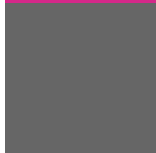


**Tritanomaly**  
D1375C

# Monochromacy



**Original Color**  
D42889



**Achromatopsia**  
666666



**Achromatomaly**  
8E4F73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D42889 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 #D42889 looks like.

```
.text, #text, p{  
    color:#D42889  
}
```

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 #D42889 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D42889
}
```

## Border

The CSS property to change the border of an element to Hex D42889 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
#D42889 }
```

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

```
.border{ border-color:#D42889 }
```

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

Here you see how a box with a 4 pixel #D42889 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D42889; -webkit-box-shadow:4px 4px  
4px 4px #D42889; box-shadow:4px 4px 4px  
4px #D42889 }
```

# Background

The CSS property to change the background color of an element to Hex D42889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D42889 }
```

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

```
.background{ background-color:#D42889 }
```

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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