

Converting Colors

Hex(DD228C)

Have a look what the booklet for
Hex(DD228C) contains.

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Color

Hex(DD228C)

Conversions

Conversions Part 1

Format	Color
Hex	DD228C
RGB	221, 34, 140
RGB Percent	87%, 13%, 55%
CMY	0.1333, 0.8667, 0.4510
CMYK	0.00, 0.85, 0.37, 0.13
HSL	326°, 73%, 50%
HSV	326°, 85%, 87%
XYZ	35.1244, 18.4097, 26.5131
YIQ	101.9970, 77.4260, 72.6100

Conversions

Conversions Part 2

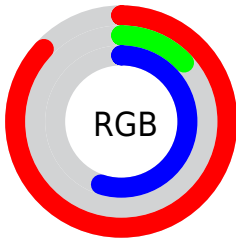
Format	Color
R_YB	221, 34, 140
Decimal	14492300
CIE _{Lab}	49.99, 74.37, -11.12
CIE _{LCh}	50, 75.196, 351.499
Yxy	18.4097, 0.4388, 0.2300
Android (android.graphics.Color)	4292682380 (0xFFDD228C)
YUV	101.9970, 18.7355, 104.3656
Hunter-Lab	42.9065, 71.0388, -6.6024

Details

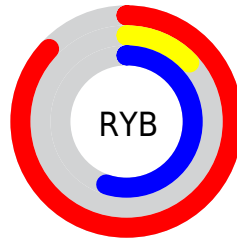
The Hex color **DD228C** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **22DD73**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF68C2**, and **A0005A** is the 20% darker color. If you saturate the color by 10%, you get **DD0C82**, and if you desaturate by 10%, it is **DD3896**.

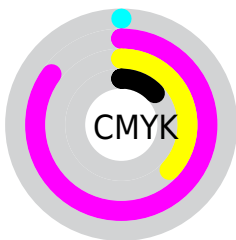
Distribution



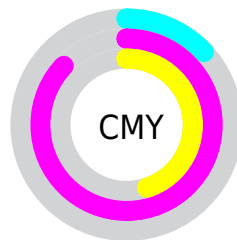
- Red (87%)
- Green (13%)
- Blue (55%)



- Red (87%)
- Yellow (13%)
- Blue (55%)



- Cyan (0%)
- Magenta (85%)
- Yellow (37%)
- Black (13%)



- Cyan (13%)
- Magenta (87%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD228C 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 DD228C by changing the saturation by 10% instead.

 DD228C

 DD228C

FFFFFF

 BE0073

 FF68C2

 A0005A

 FF86DD

 830043

 FFA3FA

 65002C

 FFC1FF

 4A0019

 FFDFFF

 2C0001

 FFFDFD

 000000

 DD228C

 DD228C

 DD0C82

 DD3896

 DD007D

 DD4E9F

 DD64A9

 DD7AB2

 DD91BC

 DDA7C5

 DDBDCF

 DDD3D9

 DDE9E2

Harmonies

Analogous

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



B04BC8



DD228C



E3284D

Triad

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



DD228C



658100



008FDB

Complementary

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



DD228C



22DD73

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.



0092A4



DD228C



008C1A

Square

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



DD228C



9F6E00



009162



0084F7

Rectangle

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



DD228C



D64323



009162



0091CB

Sweetspot

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



DD228C



FFBFE3



7022DD



80596F



000000



808080

Same Dimension

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



DD228C



FF0091



DD2232



6E6369



AD0062



2E001A

Inverse Universe

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



DD228C



FF0091



22DDCD



6E6369



AD0062



2E001A

Previews

White Background



This preview shows how the Hex color DD228C looks on a white background.

Color Contrast Check

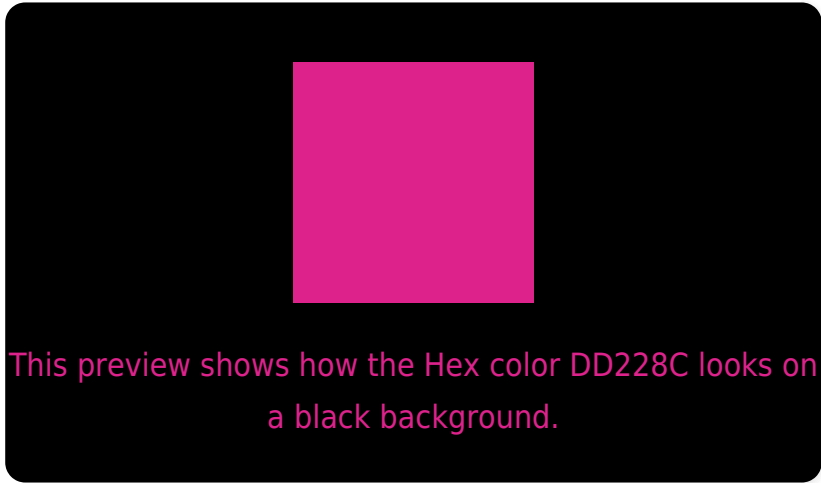
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD228C Background



This preview shows how black text looks on a background with the Hex color DD228C.



This preview shows how white text looks on a background with the Hex color DD228C.

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
D83E41

Trichromacy



Original Color
DD228C



Protanomaly
8A57AE



Deuteranomaly
A15686

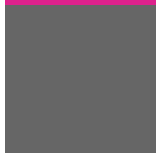


Tritanomaly
DA345C

Monochromacy



Original Color
DD228C



Achromatopsia
666666



Achromatomaly
914D74

CSS Examples

Text

The CSS property to change the color of the text to Hex DD228C 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 #DD228C looks like.

```
.text, #text, p{  
    color:#DD228C  
}
```

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 #DD228C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD228C
}
```

Border

The CSS property to change the border of an element to Hex DD228C 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
#DD228C }
```

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

```
.border{ border-color:#DD228C }
```

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

Here you see how a box with a 4 pixel #DD228C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD228C; -webkit-box-shadow:4px 4px  
4px 4px #DD228C; box-shadow:4px 4px 4px  
4px #DD228C }
```

Background

The CSS property to change the background color of an element to Hex DD228C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD228C }
```

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

```
.background{ background-color:#DD228C }
```

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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