

# Converting Colors

Hex(DD68C8)

Have a look what the booklet for  
Hex(DD68C8) contains.

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# Color

**Hex(DD68C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD68C8
RGB	221, 104, 200
RGB Percent	87%, 41%, 78%
CMY	0.1333, 0.5922, 0.2157
CMYK	0.00, 0.53, 0.10, 0.13
HSL	311°, 63%, 64%
HSV	311°, 53%, 87%
XYZ	45.1944, 29.4429, 57.9446
YIQ	149.9270, 38.9160, 54.6600

# Conversions

## Conversions Part 2

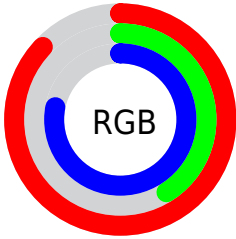
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	221, 104, 200
Decimal	14510280
CIE <sub>Lab</sub>	61.17, 57.63, -29.02
CIE <sub>LCh</sub>	61, 64.522, 333.269
Y <sub>xy</sub>	29.4429, 0.3409, 0.2221
Android (android.graphics.Color)	4292700360 (0xFFDD68C8)
YUV	149.9270, 24.6860, 62.3310
Hunter-Lab	54.2613, 53.7159, -25.3317

# Details

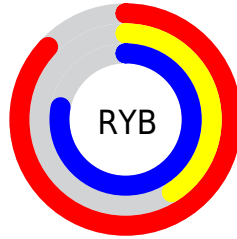
The Hex color **DD68C8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **68DD7D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FF9FFF**, and **A33092** is the 20% darker color. If you saturate the color by 10%, you get **DD52C4**, and if you desaturate by 10%, it is **DD7ECC**.

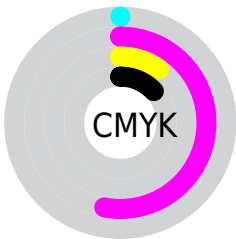
# Distribution



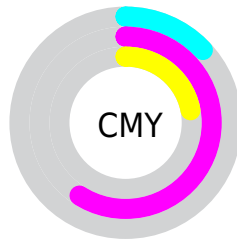
- Red (87%)
- Green (41%)
- Blue (78%)



- Red (87%)
- Yellow (41%)
- Blue (78%)



- Cyan (0%)
- Magenta (53%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (59%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD68C8 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 DD68C8 by changing the saturation by 10% instead.



 DD68C8

 DD68C8

FFFFFF

 C04CAC

 FF9FFF

 A33092

 FFBCFF

 870978

 FFD9FF

 6C005F

 FFF6FF

 510047

 390030

 1B001A

 000000

 DD68C8

 DD68C8

 DD52C4

 DD7ECC

 DD3CC0

 DD94D0

 DD26BC

 DDAAD4

 DD10B8

 DDC0D8

 DD00B5

 DDD7DC

 DDEDE0

 DDFFE4

 DDFFE8

 DDFFEC

# Harmonies

## Analogous

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



9C82F4



DD68C8



F85A90

# Triad

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



DD68C8



AA9305



00ADD1

# Complementary

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



DD68C8



68DD7D

# 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.



00AE98



DD68C8



70A229

# Square

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



DD68C8



D87D29



00AB5E



00A7F9

# Rectangle

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



DD68C8



F9606A



00AB5E



00AEBF



# Sweetspot

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



DD68C8



FFD6F8



7B68DD



80677B



000000



808080



# Same Dimension

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



DD68C8



FF5CE2



DD688F



6E636C



AD008E



2E0026



# Inverse Universe

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



DD68C8



FF5CE2



68DDB6



6E636C



AD008E



2E0026



# Previews

## White Background



This preview shows how the Hex color DD68C8 looks on a white background.

## Color Contrast Check

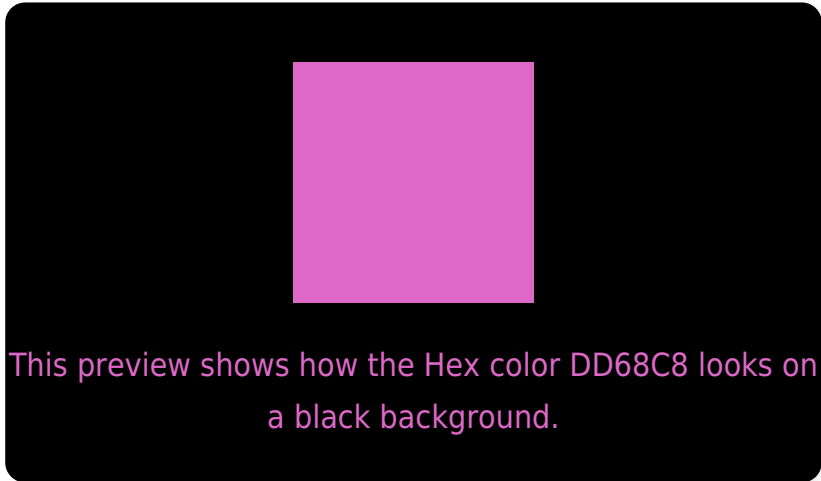
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD68C8 Background



This preview shows how black text looks on a background with the Hex color DD68C8.

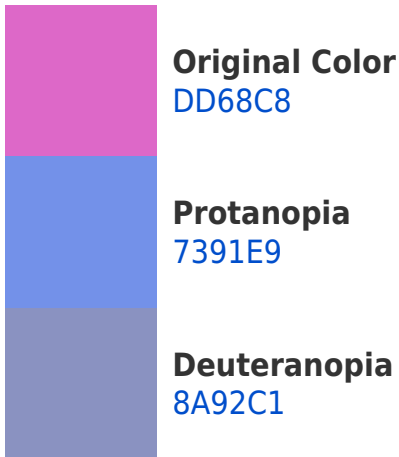


This preview shows how white text looks on a background with the Hex color DD68C8.

# 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**  
D57982

# Trichromacy



**Original Color**  
DD68C8



**Protanomaly**  
9A82DD



**Deuteranomaly**  
A883C4

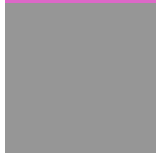


**Tritanomaly**  
D8739B

# Monochromacy



**Original Color**  
DD68C8



**Achromatopsia**  
969696



**Achromatomaly**  
B085A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD68C8 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 #DD68C8 looks like.

```
.text, #text, p{  
    color:#DD68C8  
}
```

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 #DD68C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD68C8
}
```

## Border

The CSS property to change the border of an element to Hex DD68C8 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
#DD68C8 }
```

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

```
.border{ border-color:#DD68C8 }
```

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

Here you see how a box with a 4 pixel #DD68C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD68C8; -webkit-box-shadow:4px 4px  
4px 4px #DD68C8; box-shadow:4px 4px 4px  
4px #DD68C8 }
```

# Background

The CSS property to change the background color of an element to Hex DD68C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD68C8 }
```

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

```
.background{ background-color:#DD68C8 }
```

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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