

Converting Colors

Hex(D567DB)

Have a look what the booklet for
Hex(D567DB) contains.

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Color

Hex(D567DB)

Conversions

Conversions Part 1

Format	Color
Hex	D567DB
RGB	213, 103, 219
RGB Percent	84%, 40%, 86%
CMY	0.1647, 0.5961, 0.1412
CMYK	0.03, 0.53, 0.00, 0.14
HSL	297°, 62%, 63%
HSV	297°, 53%, 86%
XYZ	45.0770, 28.9611, 70.2321
YIQ	149.1140, 28.3240, 59.3960

Conversions

Conversions Part 2

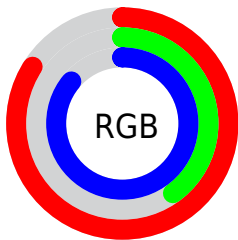
Format	Color
RYB	213, 103, 219
Decimal	13985755
CIELab	60.75, 59.11, -40.48
CIElCh	61, 71.646, 325.596
Yxy	28.9611, 0.3124, 0.2007
Android (android.graphics.Color)	4292175835 (0xFFD567DB)
YUV	149.1140, 34.4538, 56.0280
Hunter-Lab	53.8155, 55.3382, -39.7057

Details

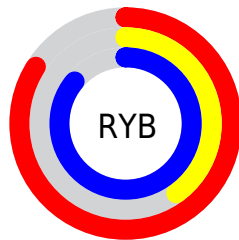
The Hex color **D567DB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6DDB67**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF9EFF**, and **9C2FA3** is the 20% darker color. If you saturate the color by 10%, you get **D451DB**, and if you desaturate by 10%, it is **D67DDB**.

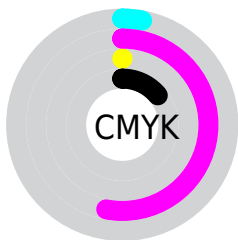
Distribution



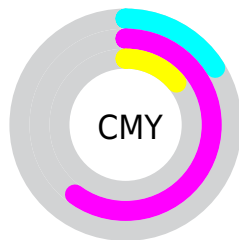
- Red (84%)
- Green (40%)
- Blue (86%)



- Red (84%)
- Yellow (40%)
- Blue (86%)



- Cyan (3%)
- Magenta (53%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (60%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color D567DB 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 D567DB by changing the saturation by 10% instead.

 D567DB

 D567DB

FFFFFF

 B84BBF

 FF9EFF

 9C2FA3

 FFBBFF

 800889

 FFD7FF

 64006F

 FFF5FF

 4A0056

 32003E

 110027

 000110

 000000

 D567DB

 D567DB

 D451DB

 D67DDB

 D33BDB

 D793DB

 D225DB

 D8A9DB

 D00FDB

 DABFDB

 D000DB

 DBD4DB

 DCEADB

 DDFDDB

 DEFFDB

 DFFFDB

Harmonies

Analogous

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



7C86FF



D567DB



FD4F9F

Triad

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



D567DB



B88C00



00AFC8

Complementary

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



D567DB



6DDB67

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.



00AF87



D567DB



7B9F00

Square

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



D567DB



E67226



00AA46



00AAFB

Rectangle

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



D567DB



FF5074



00AA46



00AFB3

Sweetspot

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



D567DB



FDD6FF



676FDB



7E6780



000000



808080

Same Dimension

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



D567DB



F75CFF



DB67A9



6D636E



A400AD



2C002E

Inverse Universe

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



DB676D



FF5C64



67DB99



6E6363



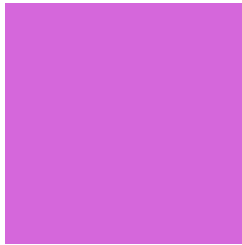
AD0009



2E0002

Previews

White Background



This preview shows how the Hex color D567DB 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

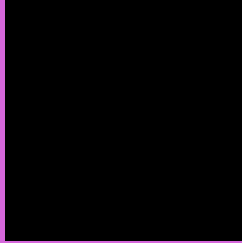
Any Text WCAG AA ✓ Pass

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 D567DB Background



This preview shows how black text looks on a background with the Hex color D567DB.

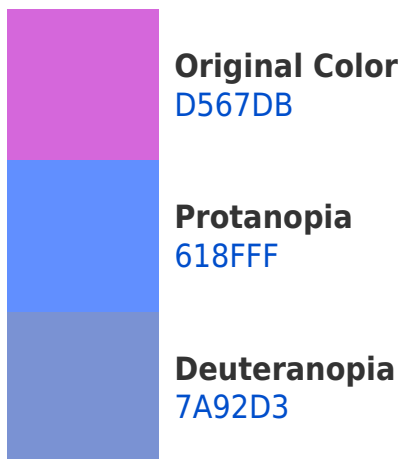



This preview shows how white text looks on a background with the Hex color D567DB.

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
CA7D86

Trichromacy



Original Color
D567DB



Protanomaly
8B80F2



Deuteranomaly
9B82D6



Tritanomaly
CE75A5

Monochromacy



Original Color
D567DB



Achromatopsia
959595



Achromatomaly
AC84AE

CSS Examples

Text

The CSS property to change the color of the text to Hex D567DB 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 #D567DB looks like.

```
.text, #text, p{  
    color:#D567DB  
}
```

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 #D567DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D567DB
}
```

Border

The CSS property to change the border of an element to Hex D567DB 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
#D567DB }
```

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

```
.border{ border-color:#D567DB }
```

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

Here you see how a box with a 4 pixel #D567DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D567DB; -webkit-box-shadow:4px 4px  
4px 4px #D567DB; box-shadow:4px 4px 4px  
4px #D567DB }
```

Background

The CSS property to change the background color of an element to Hex D567DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D567DB }
```

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

```
.background{ background-color:#D567DB }
```

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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