

Converting Colors

Hex(DD17E8)

Have a look what the booklet for
Hex(DD17E8) contains.

Hex(DD17E8)	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(DD17E8)

Conversions

Conversions Part 1

Format	Color
Hex	DD17E8
RGB	221, 23, 232
RGB Percent	87%, 9%, 91%
CMY	0.1333, 0.9098, 0.0902
CMYK	0.05, 0.90, 0.00, 0.09
HSL	297°, 82%, 50%
HSV	297°, 90%, 91%
XYZ	44.6907, 21.8111, 78.1984
YIQ	106.0280, 50.9190, 106.9750

Conversions

Conversions Part 2

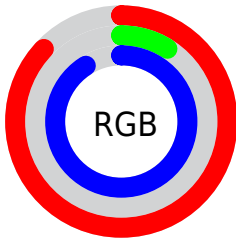
Format	Color
R_{YB}	221, 23, 232
Decimal	14489576
CIE _{Lab}	53.83, 87.83, -58.72
CIE _{LCh}	54, 105.648, 326.236
Yxy	21.8111, 0.3089, 0.1507
Android (android.graphics.Color)	4292679656 (0xFFDD17E8)
YUV	106.0280, 62.1042, 100.8304
Hunter-Lab	46.7024, 89.0819, -66.5834

Details

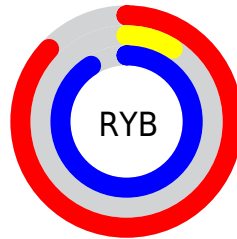
The Hex color **DD17E8** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **22E817**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF67FF**, and **A100AF** is the 20% darker color. If you saturate the color by 10%, you get **DC00E8**, and if you desaturate by 10%, it is **DE2EE8**.

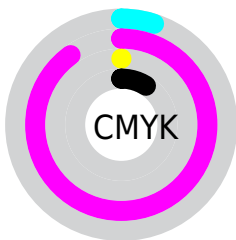
Distribution



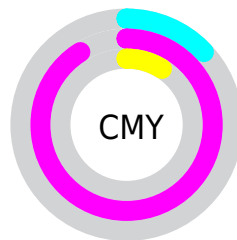
- Red (87%)
- Green (9%)
- Blue (91%)



- Red (87%)
- Yellow (9%)
- Blue (91%)



- Cyan (5%)
- Magenta (90%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (91%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD17E8 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 DD17E8 by changing the saturation by 10% instead.

 DD17E8

 DD17E8

FFFFFF

 BF00CB

 FF67FF

 A100AF

 FF86FF

 830094

 FFA5FF

 66007A

 FFC3FF

 490060

 FFE2FF

 2C0047

 03002F

 00011A

 000000

 DD17E8

 DD17E8

 DC00E8

 DE2EE8

 DF45E8

 E15DE8

 E274E8

 E38BE8

 E4A2E8

 E6B9E8

 E7D1E8

 E8E8E8

Harmonies

Analogous

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



2B6EFF



DD17E8



FF0090

Triad

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



DD17E8



A77A00



00A4D0

Complementary

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



DD17E8



22E817

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.



00A272



DD17E8



4B9200

Square

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



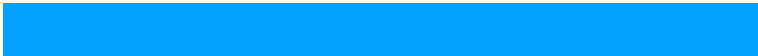
DD17E8



E84900



009D00



00A1FF

Rectangle

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



DD17E8



FF0055



009D00



00A4B2

Sweetspot

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



DD17E8



FBBAFF



1725E8



7D5780



000000



808080

Same Dimension

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



DD17E8



F200FF



E8178D



726773



A900B3



300033

Inverse Universe

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



E81722



FF000D



17E872



736768



B30009



330003

Previews

White Background



This preview shows how the Hex color DD17E8 looks on a white background.

Color Contrast Check

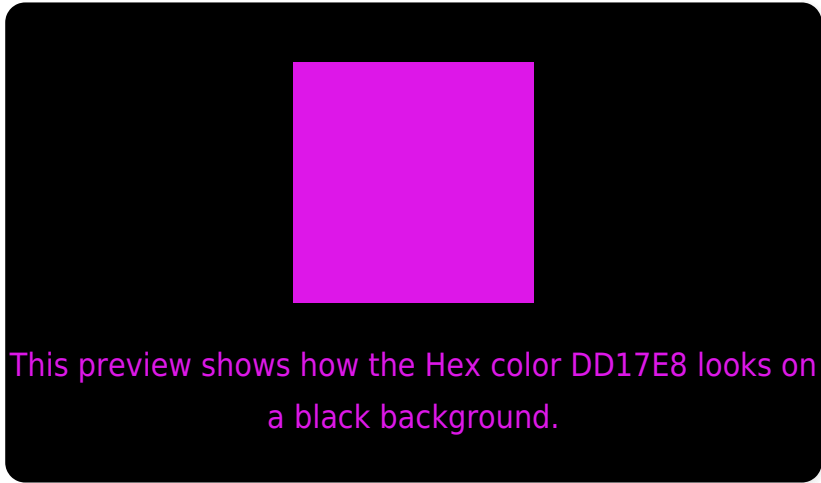
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD17E8 Background



This preview shows how black text looks on a background with the Hex color DD17E8.

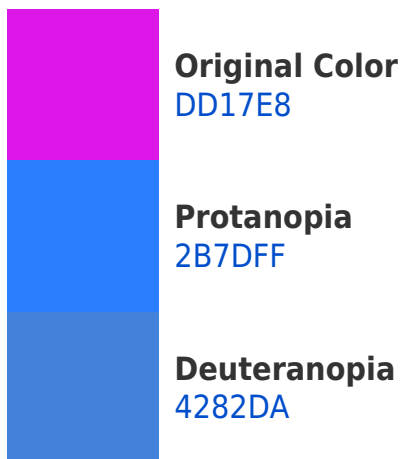


This preview shows how white text looks on a background with the Hex color DD17E8.

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
DD17E8



Protanomaly
6C58F7



Deuteranomaly
7A5BDF



Tritanomaly
D34493

Monochromacy



Original Color
DD17E8



Achromatopsia
6A6A6A



Achromatomaly
944C98

CSS Examples

Text

The CSS property to change the color of the text to Hex DD17E8 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 #DD17E8 looks like.

```
.text, #text, p{  
    color:#DD17E8  
}
```

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 #DD17E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD17E8
}
```

Border

The CSS property to change the border of an element to Hex DD17E8 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
#DD17E8 }
```

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

```
.border{ border-color:#DD17E8 }
```

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

Here you see how a box with a 4 pixel #DD17E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD17E8; -webkit-box-shadow:4px 4px  
4px 4px #DD17E8; box-shadow:4px 4px 4px  
4px #DD17E8 }
```

Background

The CSS property to change the background color of an element to Hex DD17E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD17E8 }
```

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

```
.background{ background-color:#DD17E8 }
```

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