

Converting Colors

Hex(D612ED)

Have a look what the booklet for
Hex(D612ED) contains.

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Color

Hex(D612ED)

Conversions

Conversions Part 1

Format	Color
Hex	D612ED
RGB	214, 18, 237
RGB Percent	84%, 7%, 93%
CMY	0.1608, 0.9294, 0.0706
CMYK	0.10, 0.92, 0.00, 0.07
HSL	294°, 86%, 50%
HSV	294°, 92%, 93%
XYZ	43.2339, 20.8432, 81.8652
YIQ	101.5700, 46.5170, 109.6610

Conversions

Conversions Part 2

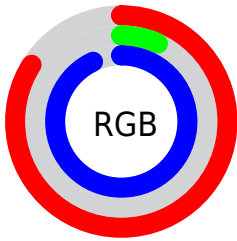
Format	Color
RYB	214, 18, 237
Decimal	14029549
CIELab	52.78, 88.08, -63.28
CIELCh	53, 108.453, 324.304
Yxy	20.8432, 0.2962, 0.1428
Android (android.graphics.Color)	4292219629 (0xFFD612ED)
YUV	101.5700, 66.7670, 98.6011
Hunter-Lab	45.6543, 89.1416, -74.3580

Details

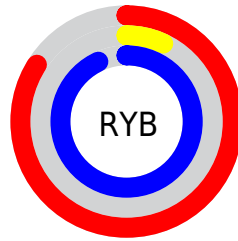
The Hex color **D612ED** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **29ED12**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF65FF**, and **9A00B4** is the 20% darker color. If you saturate the color by 10%, you get **D400ED**, and if you desaturate by 10%, it is **D82AED**.

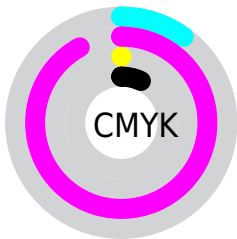
Distribution



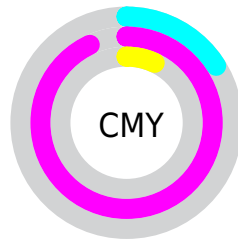
- Red (84%)
- Green (7%)
- Blue (93%)



- Red (84%)
- Yellow (7%)
- Blue (93%)



- Cyan (10%)
- Magenta (92%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (93%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color D612ED 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 D612ED by changing the saturation by 10% instead.

 D612ED

 D612ED

FFFFFF

 B800D0

 FF65FF

 9A00B4

 FF84FF

 7C0099

 FFA2FF

 5F007E

 FFC1FF

 420064

 FFDFFF

 23004B

FFFEFF

 000033

 00021D

 000000

 D612ED

 D612ED

 D400ED

 D82AED

 DB41ED

 DD59ED

 E071ED

 E288ED

 E5A0ED

 E7B8ED

 EAD0ED

 ECE7ED

Harmonies

Analogous

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



006EFF



D612ED



FF0094

Triad

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



D612ED



A87500



00A1C9

Complementary

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



D612ED



29ED12

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.



009F69



D612ED



4C8F00

Square

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



D612ED



EA3E00



009A00



009FFF

Rectangle

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



D612ED



FF0057



009A00



00A1AA

Sweetspot

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



D612ED



F8B8FF



122CED



7B5480



000000



808080

Same Dimension

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



D612ED



E400FF



ED1299



746A75



A200B5



300036

Inverse Universe

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



ED1229



FF001B



12ED66



756A6B



B50013



360006

Previews

White Background



This preview shows how the Hex color D612ED 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

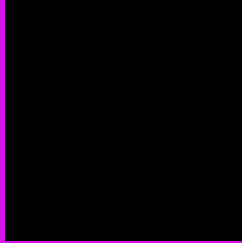
Any Text WCAG AA ✓ Pass

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 D612ED Background



This preview shows how black text looks on a background with the Hex color D612ED.

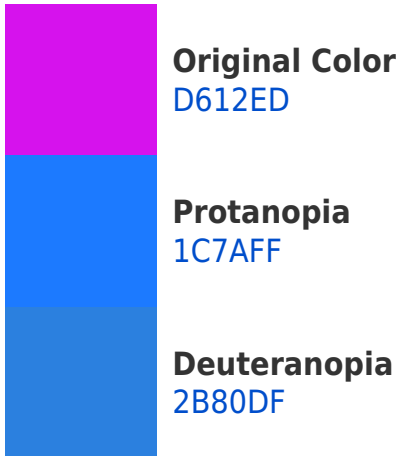



This preview shows how white text looks on a background with the Hex color D612ED.

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
C55E64

Trichromacy



Original Color
D612ED



Protanomaly
6054F8



Deuteranomaly
6958E4



Tritanomaly
CB4296

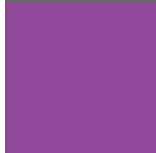
Monochromacy



Original Color
D612ED



Achromatopsia
666666



Achromatomaly
8F4797

CSS Examples

Text

The CSS property to change the color of the text to Hex D612ED 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 #D612ED looks like.

```
.text, #text, p{  
    color:#D612ED  
}
```

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 #D612ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D612ED
}
```

Border

The CSS property to change the border of an element to Hex D612ED 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
#D612ED }
```

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

```
.border{ border-color:#D612ED }
```

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

Here you see how a box with a 4 pixel #D612ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D612ED; -webkit-box-shadow:4px 4px  
4px 4px #D612ED; box-shadow:4px 4px 4px  
4px #D612ED }
```

Background

The CSS property to change the background color of an element to Hex D612ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D612ED }
```

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

```
.background{ background-color:#D612ED }
```

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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