

Converting Colors

Hex(DA2EE9)

Have a look what the booklet for
Hex(DA2EE9) contains.

Hex(DA2EE9)	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(DA2EE9)

Conversions

Conversions Part 1

Format	Color
Hex	DA2EE9
RGB	218, 46, 233
RGB Percent	85%, 18%, 91%
CMY	0.1451, 0.8196, 0.0863
CMYK	0.06, 0.80, 0.00, 0.09
HSL	295°, 81%, 55%
HSV	295°, 80%, 91%
XYZ	44.5984, 22.7426, 79.1300
YIQ	118.7460, 42.4850, 94.6210

Conversions

Conversions Part 2

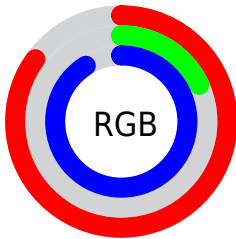
Format	Color
R _Y B	218, 46, 233
Decimal	14298857
CIE Lab	54.81, 83.34, -57.73
CIE LCh	55, 101.381, 325.286
Yxy	22.7426, 0.3045, 0.1553
Android (android.graphics.Color)	4292488937 (0xFFDA2EE9)
YUV	118.7460, 56.3272, 87.0458
Hunter-Lab	47.6892, 83.4751, -64.9965

Details

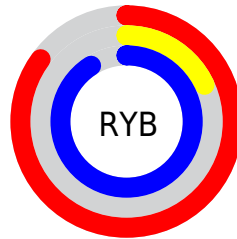
The Hex color **DA2EE9** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **3DE92E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF72FF**, and **9E00B0** is the 20% darker color. If you saturate the color by 10%, you get **D817E9**, and if you desaturate by 10%, it is **DC45E9**.

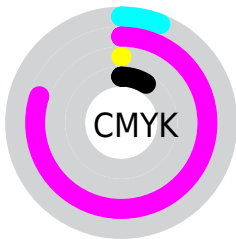
Distribution



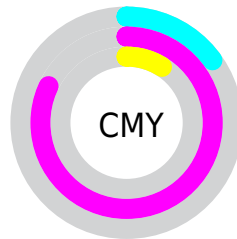
- Red (85%)
- Green (18%)
- Blue (91%)



- Red (85%)
- Yellow (18%)
- Blue (91%)



- Cyan (6%)
- Magenta (80%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (82%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA2EE9 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 DA2EE9 by changing the saturation by 10% instead.

 DA2EE9

 DA2EE9

FFFFFF

 BC00CC

 FF72FF

 9E00B0

 FF90FF

 810095

 FFAEFF

 64007B

 FFCCFF

 470061

 FFEAFF

 2B0048

 000030

 00011A

 000000

 DA2EE9

 DA2EE9

 D817E9

 DC45E9

 D600E9

 DE5DE9

 E074E9

 E18BE9

 E3A3E9

 E5BAE9

 E7D1E9

 E9E8E9

 EBFFE9

Harmonies

Analogous

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



3173FF



DA2EE9



FF0095

Triad

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



DA2EE9



AB7B00



00A6CD

Complementary

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



DA2EE9



3DE92E

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.



00A472



DA2EE9



569400

Square

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



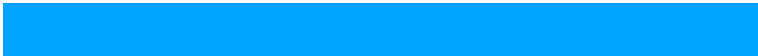
DA2EE9



EA4D00



009F00



00A3FF

Rectangle

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



DA2EE9



FF005C



009F00



00A6B0

Sweetspot

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



DA2EE9



FAC2FF



2E3EE9



7D5B80



000000



808080

Same Dimension

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



DA2EE9



EB0AFF



E92E9B



746A75



A700B5



310036

Inverse Universe

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



E92E3D



FF0A1E



2EE97C



756A6B



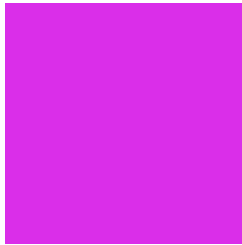
B5000F



360004

Previews

White Background



This preview shows how the Hex color DA2EE9 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

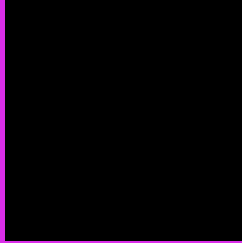
Any Text WCAG AA ✓ Pass

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 DA2EE9 Background



This preview shows how black text looks on a background with the Hex color DA2EE9.




This preview shows how white text looks on a background with the Hex color DA2EE9.

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](#).

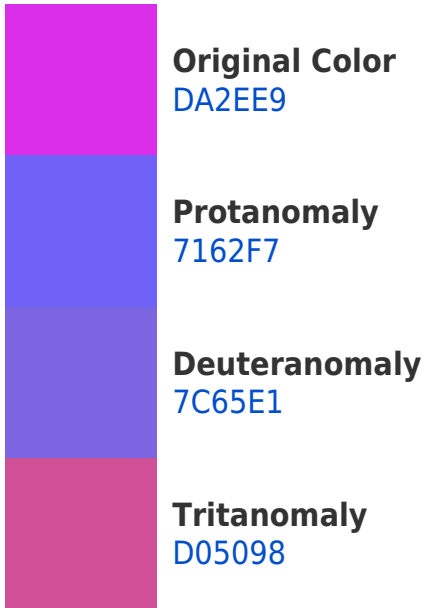
Dichromacy



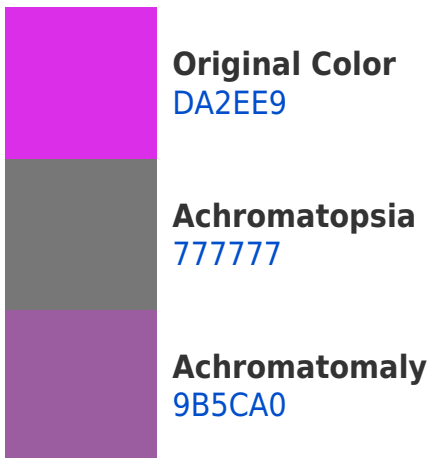


Tritanopia
CB636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA2EE9 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 #DA2EE9 looks like.

```
.text, #text, p{  
    color:#DA2EE9  
}
```

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 #DA2EE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA2EE9
}
```

Border

The CSS property to change the border of an element to Hex DA2EE9 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
#DA2EE9 }
```

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

```
.border{ border-color:#DA2EE9 }
```

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

Here you see how a box with a 4 pixel #DA2EE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA2EE9; -webkit-box-shadow:4px 4px  
4px 4px #DA2EE9; box-shadow:4px 4px 4px  
4px #DA2EE9 }
```

Background

The CSS property to change the background color of an element to Hex DA2EE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA2EE9 }
```

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

```
.background{ background-color:#DA2EE9 }
```

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