

Converting Colors

Hex(DA71E2)

Have a look what the booklet for
Hex(DA71E2) contains.

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Color

Hex(DA71E2)

Conversions

Conversions Part 1

Format	Color
Hex	DA71E2
RGB	218, 113, 226
RGB Percent	85%, 44%, 89%
CMY	0.1451, 0.5569, 0.1137
CMYK	0.04, 0.50, 0.00, 0.11
HSL	296°, 66%, 66%
HSV	296°, 50%, 89%
XYZ	48.5460, 32.2067, 75.6094
YIQ	157.2770, 26.3070, 57.4030

Conversions

Conversions Part 2

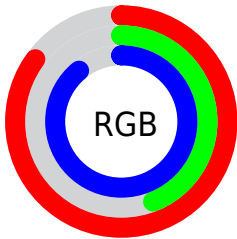
Format	Color
R _Y B	218, 113, 226
Decimal	14316002
CIE Lab	63.51, 56.95, -40.01
CIE LCh	64, 69.600, 324.905
Yxy	32.2067, 0.3105, 0.2060
Android (android.graphics.Color)	4292506082 (0xFFDA71E2)
YUV	157.2770, 33.8804, 53.2541
Hunter-Lab	56.7509, 53.3789, -39.2665

Details

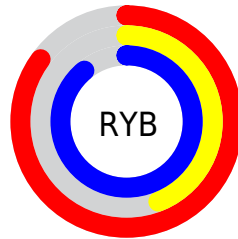
The Hex color **DA71E2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **79E271**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFA8FF**, and **A13AAA** is the 20% darker color. If you saturate the color by 10%, you get **D85AE2**, and if you desaturate by 10%, it is **DC88E2**.

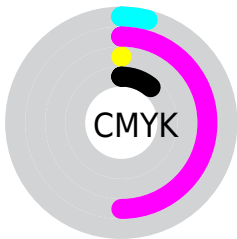
Distribution



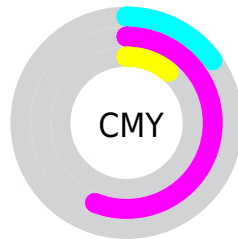
- Red (85%)
- Green (44%)
- Blue (89%)



- Red (85%)
- Yellow (44%)
- Blue (89%)



- Cyan (4%)
- Magenta (50%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (56%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA71E2 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 DA71E2 by changing the saturation by 10% instead.

 DA71E2

 DA71E2

FFFFFF

 BD56C6

 FFA8FF

 A13AAA

 FFC5FF

 851C8F

 FFE1FF

 690075

 4F005C

 350044

 1B002D

 000117

 000000

 DA71E2

 DA71E2

 D85AE2

 DC88E2

 D744E2

 DD9EE2

 D52DE2

 DFB5E2

 D417E2

 E0CBE2

 D200E2

 E2E2E2

 E4F9E2

 E5FFE2

 E7FFE2

 E8FFE2

Harmonies

Analogous

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



848EFF



DA71E2



FF5BA7

Triad

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



DA71E2



C19300



00B6CC

Complementary

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



DA71E2



79E271

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.



00B68D



DA71E2



85A611

Square

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



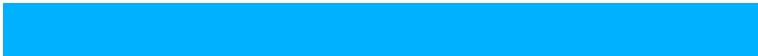
DA71E2



EE7A32



24B14E



00B1FF

Rectangle

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



DA71E2



FF5C7E



24B14E



00B7B8

Sweetspot

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



DA71E2



FCD9FF



717AE2



7E6980



000000



808080

Same Dimension

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



DA71E2



F466FF



E271B3



6F6570



A300B0



2D0030

Inverse Universe

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



E27179



FF6671



71E2A0



706566



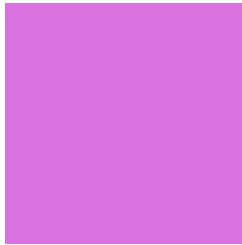
B0000C



300003

Previews

White Background



This preview shows how the Hex color DA71E2 looks on a white background.

Color Contrast Check

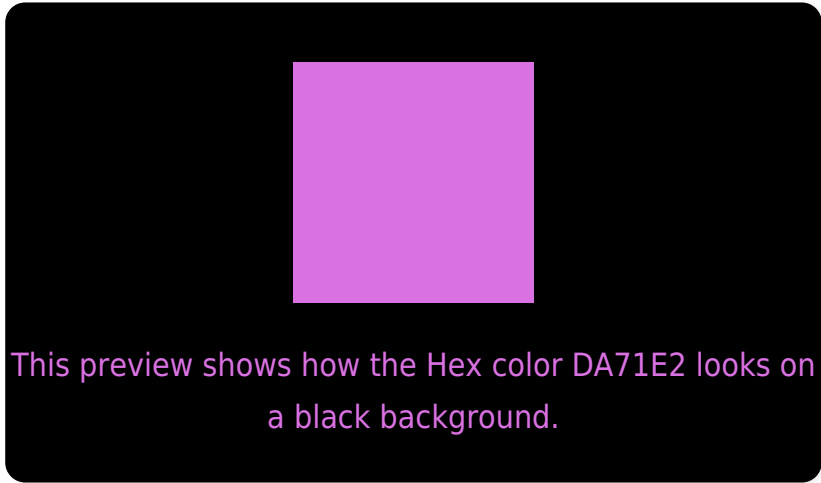
Large Text (above 18pt) WCAG AA × Fail

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

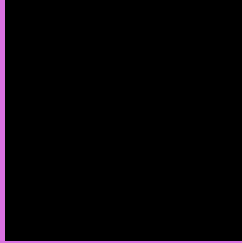
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DA71E2 Background



This preview shows how black text looks on a background with the Hex color DA71E2.

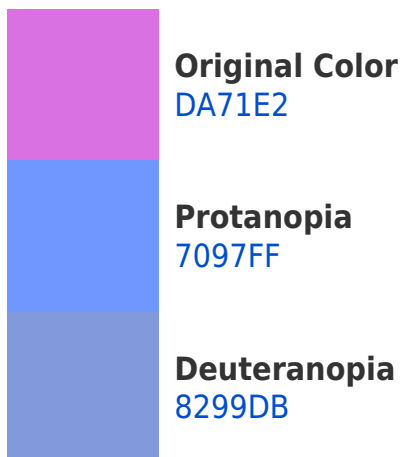



This preview shows how white text looks on a background with the Hex color DA71E2.

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](#).

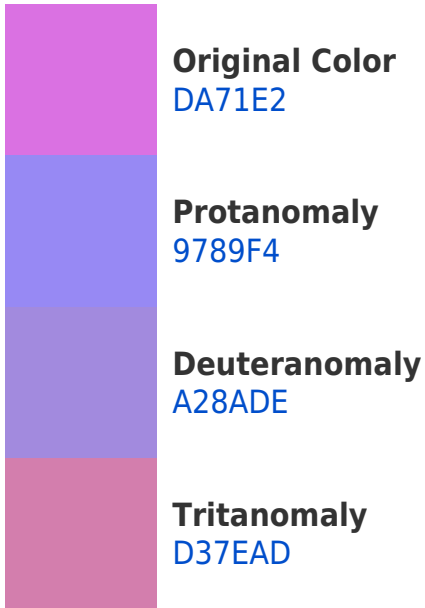
Dichromacy



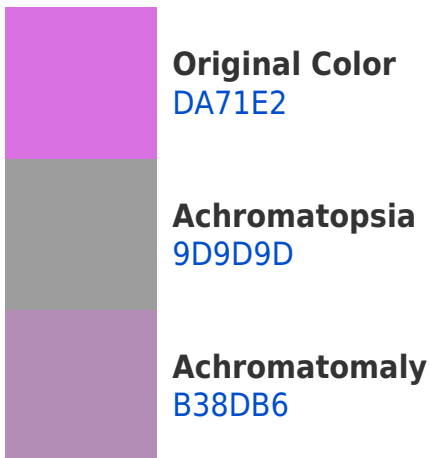


Tritanopia
CF858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA71E2 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 #DA71E2 looks like.

```
.text, #text, p{  
    color:#DA71E2  
}
```

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 #DA71E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA71E2
}
```

Border

The CSS property to change the border of an element to Hex DA71E2 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
#DA71E2 }
```

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

```
.border{ border-color:#DA71E2 }
```

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

Here you see how a box with a 4 pixel #DA71E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA71E2; -webkit-box-shadow:4px 4px  
4px 4px #DA71E2; box-shadow:4px 4px 4px  
4px #DA71E2 }
```

Background

The CSS property to change the background color of an element to Hex DA71E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA71E2 }
```

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

```
.background{ background-color:#DA71E2 }
```

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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