

# Converting Colors

Hex(DA3CE2)

Have a look what the booklet for  
Hex(DA3CE2) contains.

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# Color

Hex(DA3CE2)

# Conversions

## Conversions Part 1

Format	Color
Hex	DA3CE2
RGB	218, 60, 226
RGB Percent	85%, 24%, 89%
CMY	0.1451, 0.7647, 0.1137
CMYK	0.04, 0.73, 0.00, 0.11
HSL	297°, 74%, 56%
HSV	297°, 73%, 89%
XYZ	44.2568, 23.6281, 74.1796
YIQ	126.1660, 40.8820, 85.1220

# Conversions

## Conversions Part 2

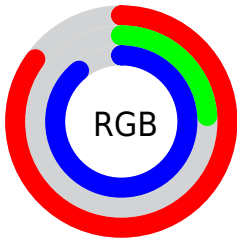
Format	Color
R <sub>YB</sub>	218, 60, 226
Decimal	14302434
CIE Lab	55.71, 78.43, -52.34
CIE LCh	56, 94.291, 326.283
Yxy	23.6281, 0.3115, 0.1663
Android (android.graphics.Color)	4292492514 (0xFFDA3CE2)
YUV	126.1660, 49.2182, 80.5384
Hunter-Lab	48.6088, 77.4533, -56.4536

# Details

The Hex color **DA3CE2** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **44E23C**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF7BFF**, and **9F00AA** is the 20% darker color. If you saturate the color by 10%, you get **D925E2**, and if you desaturate by 10%, it is **DB53E2**.

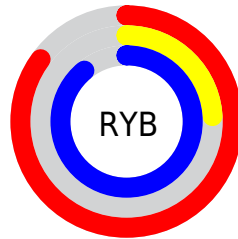
# Distribution



Red (85%)

Green (24%)

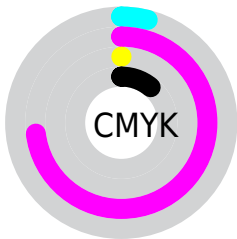
Blue (89%)



Red (85%)

Yellow (24%)

Blue (89%)

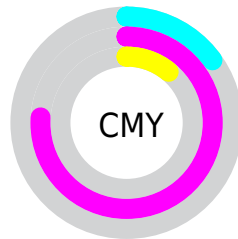


Cyan (4%)

Magenta (73%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (76%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA3CE2 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 DA3CE2 by changing the saturation by 10% instead.



 DA3CE2

 DA3CE2

FFFFFF

 BC0DC6

 FF7BFF

 9F00AA

 FF98FF

 82008F

 FFB6FF

 650075

 FFD3FF

 49005B

 FFF1FF

 2E0043

 06002B

 000115

 000000

■ DA3CE2

■ DA3CE2

■ D925E2

■ DB53E2

■ D80FE2

■ DC69E2

■ D700E2

■ DD80E2

■ DE96E2

■ DFADE2

■ E1C4E2

■ E2DAE2

■ E3F1E2

■ E4FFE2

# Harmonies

## Analogous

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



5474FF



DA3CE2



FF0093

# Triad

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



DA3CE2



AB7F00



00A7CD

# Complementary

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



DA3CE2



44E23C

# 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.



00A679



DA3CE2



5B9500

# Square

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



DA3CE2



E65700



00A118



00A3FF

# Rectangle

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



DA3CE2



FF005E



00A118



00A7B2



# Sweetspot

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



DA3CE2



FCC7FF



3C44E2



7E5E80



000000



808080



# Same Dimension

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



DA3CE2



F41FFF



E23C97



706570



A700B0



2E0030



# Inverse Universe

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



E23C44



FF1F29



3CE287



706566



B00008



300002



# Previews

## White Background



This preview shows how the Hex color DA3CE2 looks on a white background.

## Color Contrast Check

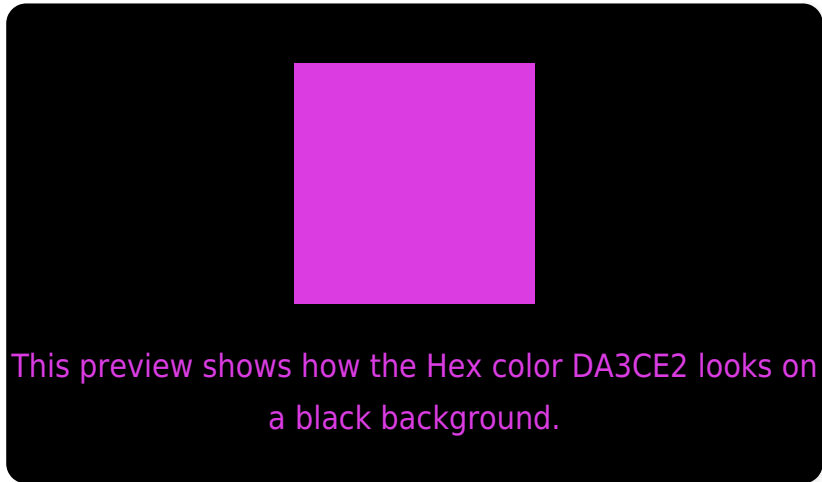
Large Text (above 18pt) WCAG AA ✓ Pass

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

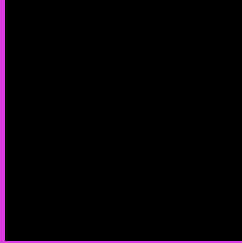
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DA3CE2 Background



This preview shows how black text looks on a background with the Hex color DA3CE2.

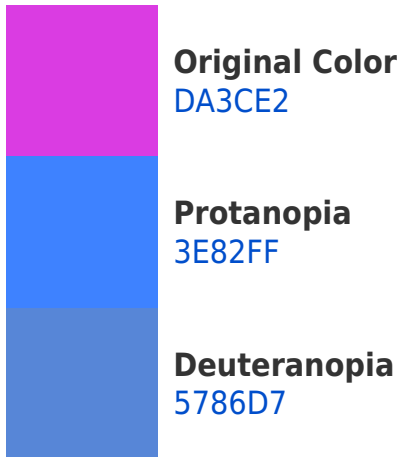


This preview shows how white text looks on a background with the Hex color DA3CE2.

# 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**  
DA3CE2



**Protanomaly**  
7769F4



**Deuteranomaly**  
876BDB



**Tritanomaly**  
D15798

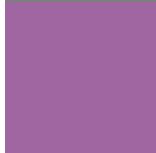
# Monochromacy



**Original Color**  
DA3CE2



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
9F66A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA3CE2 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 #DA3CE2 looks like.

```
.text, #text, p{  
    color:#DA3CE2  
}
```

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 #DA3CE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA3CE2
}
```

## Border

The CSS property to change the border of an element to Hex DA3CE2 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
#DA3CE2 }
```

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

```
.border{ border-color:#DA3CE2 }
```

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

Here you see how a box with a 4 pixel #DA3CE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA3CE2; -webkit-box-shadow:4px 4px  
4px 4px #DA3CE2; box-shadow:4px 4px 4px  
4px #DA3CE2 }
```

# Background

The CSS property to change the background color of an element to Hex DA3CE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA3CE2 }
```

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

```
.background{ background-color:#DA3CE2 }
```

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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