

# Converting Colors

Hex(DA32E9)

Have a look what the booklet for  
Hex(DA32E9) contains.

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# Color

Hex(DA32E9)

# Conversions

## Conversions Part 1

Format	Color
Hex	DA32E9
RGB	218, 50, 233
RGB Percent	85%, 20%, 91%
CMY	0.1451, 0.8039, 0.0863
CMYK	0.06, 0.79, 0.00, 0.09
HSL	295°, 81%, 55%
HSV	295°, 79%, 91%
XYZ	44.7620, 23.0698, 79.1845
YIQ	121.0940, 41.3850, 92.5290

# Conversions

## Conversions Part 2

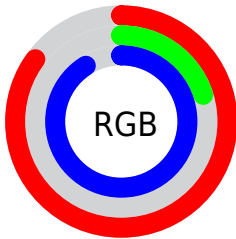
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 50, 233
Decimal	14299881
CIE Lab	55.14, 82.35, -57.19
CIE LCh	55, 100.266, 325.221
Yxy	23.0698, 0.3045, 0.1569
Android (android.graphics.Color)	4292489961 (0xFFDA32E9)
YUV	121.0940, 55.1697, 84.9866
Hunter-Lab	48.0311, 82.2968, -64.1244

# Details

The Hex color **DA32E9** 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 **41E932**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF74FF**, and **9E00B0** is the 20% darker color. If you saturate the color by 10%, you get **D81BE9**, and if you desaturate by 10%, it is **DC49E9**.

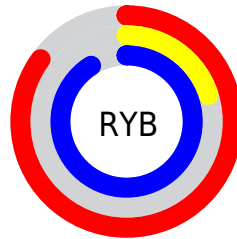
# Distribution



Red (85%)

Green (20%)

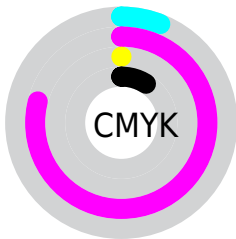
Blue (91%)



Red (85%)

Yellow (20%)

Blue (91%)

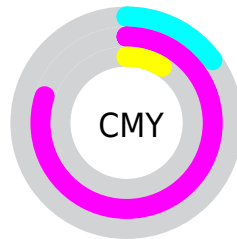


Cyan (6%)

Magenta (79%)

Yellow (0%)

Black (9%)



Cyan (15%)

Magenta (80%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA32E9 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 DA32E9 by changing the saturation by 10% instead.



 DA32E9

 DA32E9

FFFFFF

 BC00CC

 FF74FF

 9E00B0

 FF92FF

 810095

 FFB0FF

 64007B

 FFCEFF

 480061

 FFECFF

 2B0048

 010030

 00011A

 000000

 DA32E9

 DA32E9

 D81BE9

 DC49E9

 D603E9

 DE61E9

 D600E9

 E078E9

 E28FE9

 E4A7E9

 E5BEE9

 E7D5E9

 E9ECE9

 EBFFE9

# Harmonies

## Analogous

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



3674FF



DA32E9



FF0096

# Triad

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



DA32E9



AD7C00



00A7CD

# Complementary

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



DA32E9



41E932

# 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.



00A573



DA32E9



589400

# Square

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



DA32E9



EB4F00



00A000



00A3FF

# Rectangle

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



DA32E9



FF005D



00A000



00A6B0



# Sweetspot

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



DA32E9



FAC2FF



3241E9



7C5B80



000000



808080



# Same Dimension

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



DA32E9



EB0FFF



E9329D



746A75



A600B5



310036



# Inverse Universe

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



E93241



FF0F23



32E97E



756A6B



B5000F

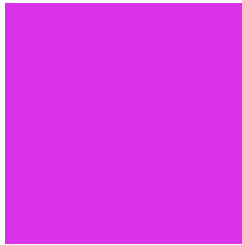


360004



# Previews

## White Background



This preview shows how the Hex color DA32E9 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

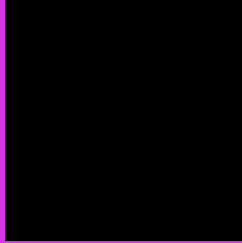
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DA32E9 Background



This preview shows how black text looks on a background with the Hex color DA32E9.

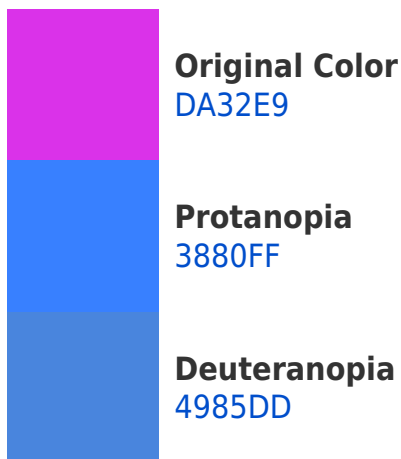


This preview shows how white text looks on a background with the Hex color DA32E9.

# 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**  
CB646B

# Trichromacy



**Original Color**  
DA32E9



**Protanomaly**  
7364F7



**Deuteranomaly**  
7E67E1



**Tritanomaly**  
D05299

# Monochromacy



**Original Color**  
DA32E9



**Achromatopsia**  
797979



**Achromatomaly**  
9C5FA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA32E9 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 #DA32E9 looks like.

```
.text, #text, p{  
    color:#DA32E9  
}
```

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 #DA32E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA32E9
}
```

## Border

The CSS property to change the border of an element to Hex DA32E9 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
#DA32E9 }
```

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

```
.border{ border-color:#DA32E9 }
```

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

Here you see how a box with a 4 pixel #DA32E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA32E9; -webkit-box-shadow:4px 4px  
4px 4px #DA32E9; box-shadow:4px 4px 4px  
4px #DA32E9 }
```

# Background

The CSS property to change the background color of an element to Hex DA32E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA32E9 }
```

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

```
.background{ background-color:#DA32E9 }
```

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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