

Converting Colors

Hex(DA33FF)

Have a look what the booklet for
Hex(DA33FF) contains.

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Color

Hex(DA33FF)

Conversions

Conversions Part 1

Format	Color
Hex	DA33FF
RGB	218, 51, 255
RGB Percent	85%, 20%, 100%
CMY	0.1451, 0.8000, 0.0000
CMYK	0.15, 0.80, 0.00, 0.00
HSL	289°, 100%, 60%
HSV	289°, 80%, 100%
XYZ	48.1473, 24.4931, 96.7977
YIQ	124.1890, 34.0480, 98.8480

Conversions

Conversions Part 2

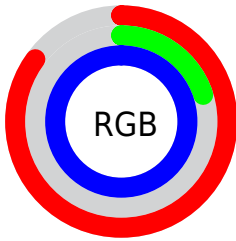
Format	Color
R _Y B	218, 51, 255
Decimal	14300159
CIE Lab	56.58, 85.74, -67.17
CIE LCh	57, 108.922, 321.923
Yxy	24.4931, 0.2842, 0.1446
Android (android.graphics.Color)	4292490239 (0xFFDA33FF)
YUV	124.1890, 64.4898, 82.2722
Hunter-Lab	49.4905, 87.0470, -81.3211

Details

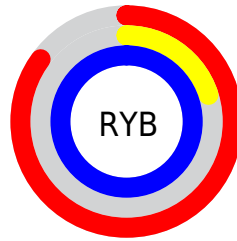
The Hex color **DA33FF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **58FF33**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF76FF**, and **9E00C5** is the 20% darker color. If you saturate the color by 10%, you get **D519FF**, and if you desaturate by 10%, it is **DF4DFF**.

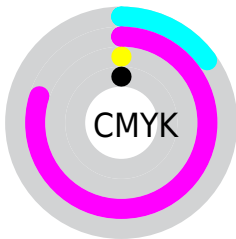
Distribution



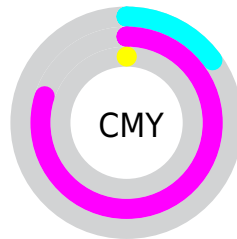
- Red (85%)
- Green (20%)
- Blue (100%)



- Red (85%)
- Yellow (20%)
- Blue (100%)



- Cyan (15%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA33FF 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 DA33FF by changing the saturation by 10% instead.

 DA33FF

 DA33FF

FFFFFF

 BC00E2

 FF76FF

 9E00C5

 FF94FF

 8000A9

 FFB2FF

 63008E

 FFD0FF

 450073

 FFE0FF

 27005A

 000041

 00032A

 000114

 DA33FF

 DA33FF

 D519FF

 DF4DFF

 D100FF

 E366FF

 E880FF

 EC99FF

 F1B3FF

 F6CCFF

 FAE6FF

FFFFFF

Harmonies

Analogous

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



007BFF



DA33FF



FF00A6

Triad

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



DA33FF



BB7B00



00ACCD

Complementary

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



DA33FF



58FF33

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.



00AA6A



DA33FF



619700

Square

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



DA33FF



FC4300



00A500



00AAFF

Rectangle

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



DA33FF



FF0067



00A500



00ACAD

Sweetspot

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



DA33FF



F4C2FF



3358FF



795B80



000000



808080

Same Dimension

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



DA33FF



D30AFF



FF33BE



7D7380



9D00BF



340040

Inverse Universe

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



FF3358



FF0A37



33FF74



807375



BF0023



40000C

Previews

White Background



This preview shows how the Hex color DA33FF 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

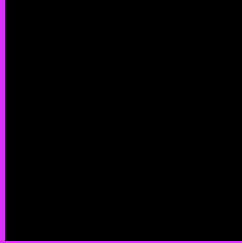
Any Text WCAG AA ✓ Pass

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 DA33FF Background



This preview shows how black text looks on a background with the Hex color DA33FF.

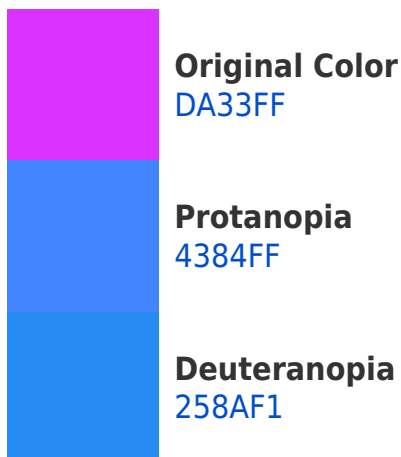



This preview shows how white text looks on a background with the Hex color DA33FF.

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](#).

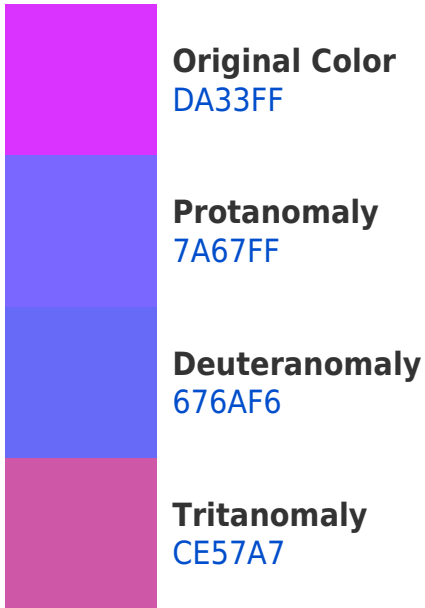
Dichromacy



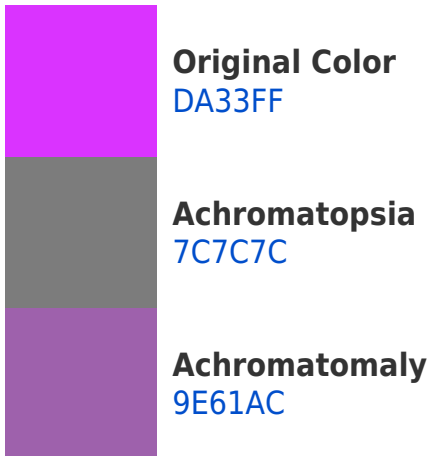


Tritanopia
C76C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA33FF 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 #DA33FF looks like.

```
.text, #text, p{  
    color:#DA33FF  
}
```

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 #DA33FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA33FF
}
```

Border

The CSS property to change the border of an element to Hex DA33FF 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
#DA33FF }
```

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

```
.border{ border-color:#DA33FF }
```

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

Here you see how a box with a 4 pixel #DA33FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA33FF; -webkit-box-shadow:4px 4px  
4px 4px #DA33FF; box-shadow:4px 4px 4px  
4px #DA33FF }
```

Background

The CSS property to change the background color of an element to Hex DA33FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA33FF }
```

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

```
.background{ background-color:#DA33FF }
```

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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