

Converting Colors

Hex(D22EFF)

Have a look what the booklet for
Hex(D22EFF) contains.

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Color

Hex(D22EFF)

Conversions

Conversions Part 1

Format	Color
Hex	D22EFF
RGB	210, 46, 255
RGB Percent	82%, 18%, 100%
CMY	0.1765, 0.8196, 0.0000
CMYK	0.18, 0.82, 0.00, 0.00
HSL	287°, 100%, 59%
HSV	287°, 82%, 100%
XYZ	45.6053, 22.8756, 96.6195
YIQ	118.8620, 30.6550, 99.7670

Conversions

Conversions Part 2

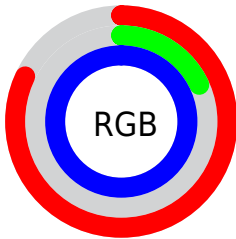
Format	Color
R _Y B	210, 46, 255
Decimal	13774591
CIE Lab	54.94, 85.64, -69.87
CIE LCh	55, 110.532, 320.791
Yxy	22.8756, 0.2762, 0.1386
Android (android.graphics.Color)	4291964671 (0xFFD22EFF)
YUV	118.8620, 67.1160, 79.9280
Hunter-Lab	47.8285, 86.5032, -86.2933

Details

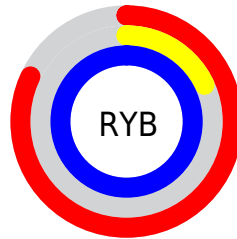
The Hex color **D22EFF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **5BFF2E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF72FF**, and **9600C5** is the 20% darker color. If you saturate the color by 10%, you get **CD15FF**, and if you desaturate by 10%, it is **D748FF**.

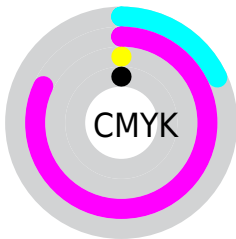
Distribution



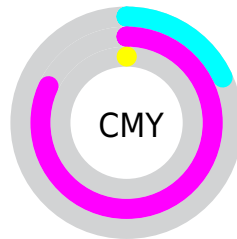
- Red (82%)
- Green (18%)
- Blue (100%)



- Red (82%)
- Yellow (18%)
- Blue (100%)



- Cyan (18%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D22EFF 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 D22EFF by changing the saturation by 10% instead.

 D22EFF

 D22EFF

FFFFFF

 B400E2

 FF72FF

 9600C5

 FF90FF

 7800A9

 FFAEFF

 5A008E

 FFCCFF

 3C0073

 FFEAFF

 1A005A

 000041

 00032A

 000114

 D22EFF

 D22EFF

 CD15FF

 D748FF

 C800FF

 DD61FF

 E27BFF

 E894FF

 EDAEFF

 F3C7FF

 F8E1FF

 FEFAFF

FFFFFF

Harmonies

Analogous

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



0079FF



D22EFF



FF00A5

Triad

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



D22EFF



B97600



00A8C6

Complementary

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



D22EFF



5BFF2E

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.



00A662



D22EFF



5F9200

Square

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



D22EFF



F93700



00A000



00A6FF

Rectangle

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



D22EFF



FF0067



00A000



00A8A5

Sweetspot

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



D22EFF



F1BFFF



2E5BFF



775980



000000



808080

Same Dimension

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



D22EFF



C905FF



FF2EC4



7D7380



9600BF



320040

Inverse Universe

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



FF2E5B



FF053B



2EFF69



807375



BF0029



40000E

Previews

White Background



This preview shows how the Hex color D22EFF 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

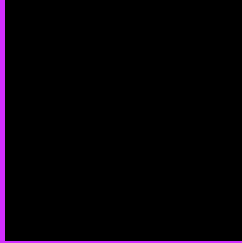
Any Text WCAG AA ✓ Pass

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 D22EFF Background



This preview shows how black text looks on a background with the Hex color D22EFF.

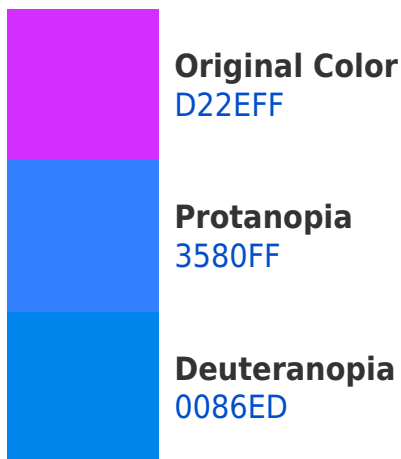



This preview shows how white text looks on a background with the Hex color D22EFF.

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
BE6B72

Trichromacy



Original Color
D22EFF



Protanomaly
6E62FF



Deuteranomaly
4C66F4



Tritanomaly
C555A5

Monochromacy



Original Color
D22EFF



Achromatopsia
777777



Achromatomaly
985CA8

CSS Examples

Text

The CSS property to change the color of the text to Hex D22EFF 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 #D22EFF looks like.

```
.text, #text, p{  
    color:#D22EFF  
}
```

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 #D22EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D22EFF
}
```

Border

The CSS property to change the border of an element to Hex D22EFF 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
#D22EFF }
```

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

```
.border{ border-color:#D22EFF }
```

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

Here you see how a box with a 4 pixel #D22EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D22EFF; -webkit-box-shadow:4px 4px  
4px 4px #D22EFF; box-shadow:4px 4px 4px  
4px #D22EFF }
```

Background

The CSS property to change the background color of an element to Hex D22EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D22EFF }
```

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

```
.background{ background-color:#D22EFF }
```

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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