

Converting Colors

Hex(CA22DD)

Have a look what the booklet for
Hex(CA22DD) contains.

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Color

Hex(CA22DD)

Conversions

Conversions Part 1

Format	Color
Hex	CA22DD
RGB	202, 34, 221
RGB Percent	79%, 13%, 87%
CMY	0.2078, 0.8667, 0.1333
CMYK	0.09, 0.85, 0.00, 0.13
HSL	294°, 73%, 50%
HSV	294°, 85%, 87%
XYZ	37.9803, 18.9211, 70.0570
YIQ	105.5500, 40.1010, 93.7730

Conversions

Conversions Part 2

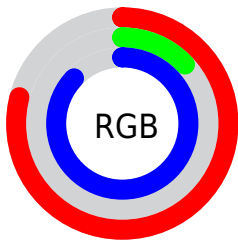
Format	Color
R _Y B	202, 34, 221
Decimal	13247197
CIE Lab	50.59, 81.23, -57.84
CIE LCh	51, 99.722, 324.547
Yxy	18.9211, 0.2992, 0.1490
Android (android.graphics.Color)	4291437277 (0xFFCA22DD)
YUV	105.5500, 56.9169, 84.5867
Hunter-Lab	43.4984, 79.7339, -65.0416

Details

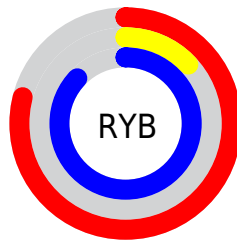
The Hex color **CA22DD** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **35DD22**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF68FF**, and **8F00A5** is the 20% darker color. If you saturate the color by 10%, you get **C80CDD**, and if you desaturate by 10%, it is **CC38DD**.

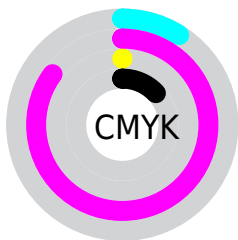
Distribution



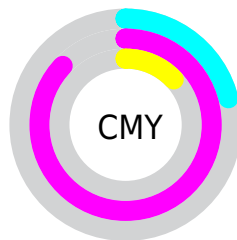
- Red (79%)
- Green (13%)
- Blue (87%)



- Red (79%)
- Yellow (13%)
- Blue (87%)



- Cyan (9%)
- Magenta (85%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (87%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA22DD 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 CA22DD by changing the saturation by 10% instead.

CA22DD

CA22DD

FFFFFF

AC00C1

FF68FF

8F00A5

FF86FF

72008A

FFA4FF

550070

FFC2FF

3A0057

FFE0FF

19003E

FFFEFF

000327

000110

000000

■ CA22DD

■ CA22DD

■ C80CDD

■ CC38DD

■ C700DD

■ CE4EDD

■ D164DD

■ D37ADD

■ D591DD

■ D7A7DD

■ DABDDD

■ DCD3DD

■ DEE9DD

Harmonies

Analogous

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



006AFF



CA22DD



FF008C

Triad

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



CA22DD



A07000



0099BE

Complementary

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



CA22DD



35DD22

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.



009866



CA22DD



4D8800

Square

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



CA22DD



DC4100



009300



0097FF

Rectangle

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



CA22DD



FF0054



009300



0099A1

Sweetspot

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



CA22DD



F9BFFF



2238DD



7C5980



000000



808080

Same Dimension

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



CA22DD



E500FF



DD2295



6D636E



9C00AD



29002E

Inverse Universe

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



DD2235



FF001A



22DD6A



6E6364



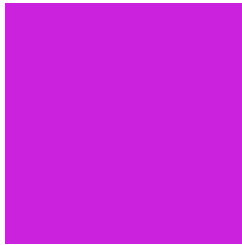
AD0012



2E0005

Previews

White Background



This preview shows how the Hex color CA22DD 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

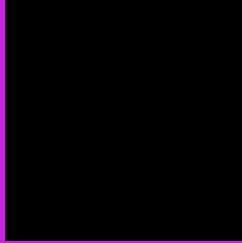
Any Text WCAG AA ✓ Pass

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 CA22DD Background



This preview shows how black text looks on a background with the Hex color CA22DD.



This preview shows how white text looks on a background with the Hex color CA22DD.

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](#).

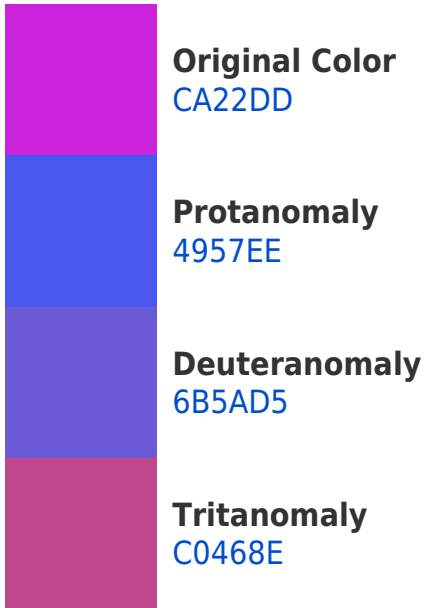
Dichromacy



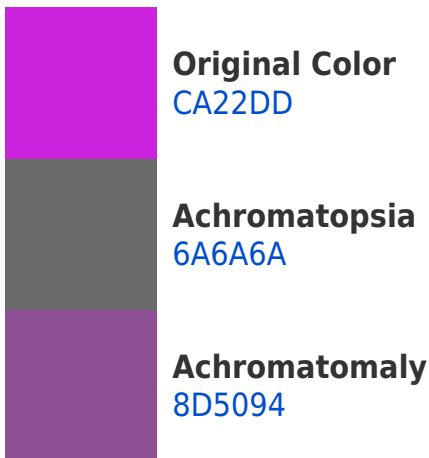


Tritanopia
BB5B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA22DD 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 #CA22DD looks like.

```
.text, #text, p{  
    color:#CA22DD  
}
```

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 #CA22DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA22DD
}
```

Border

The CSS property to change the border of an element to Hex CA22DD 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
#CA22DD }
```

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

```
.border{ border-color:#CA22DD }
```

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

Here you see how a box with a 4 pixel #CA22DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA22DD; -webkit-box-shadow:4px 4px  
4px 4px #CA22DD; box-shadow:4px 4px 4px  
4px #CA22DD }
```

Background

The CSS property to change the background color of an element to Hex CA22DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA22DD }
```

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

```
.background{ background-color:#CA22DD }
```

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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