

# Converting Colors

Hex(DD22C1)

Have a look what the booklet for  
Hex(DD22C1) contains.

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# Color

Hex(DD22C1)

# Conversions

## Conversions Part 1

Format	Color
Hex	DD22C1
RGB	221, 34, 193
RGB Percent	87%, 13%, 76%
CMY	0.1333, 0.8667, 0.2431
CMYK	0.00, 0.85, 0.13, 0.13
HSL	309°, 73%, 50%
HSV	309°, 85%, 87%
XYZ	40.0165, 20.3665, 52.2741
YIQ	108.0390, 60.4130, 89.0930

# Conversions

## Conversions Part 2

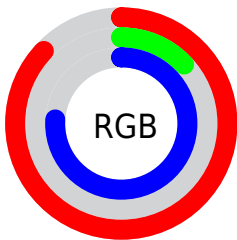
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 34, 193
Decimal	14492353
CIE <sub>Lab</sub>	52.25, 80.57, -38.93
CIE <sub>LCh</sub>	52, 89.483, 334.208
Yxy	20.3665, 0.3552, 0.1808
Android (android.graphics.Color)	4292682433 (0xFFDD22C1)
YUV	108.0390, 41.8858, 99.0668
Hunter-Lab	45.1292, 79.3013, -37.0864

# Details

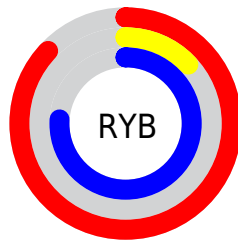
The Hex color **DD22C1** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **22DD3E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF6AFA**, and **A1008B** is the 20% darker color. If you saturate the color by 10%, you get **DD0CBE**, and if you desaturate by 10%, it is **DD38C4**.

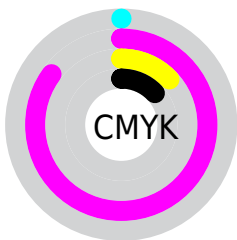
# Distribution



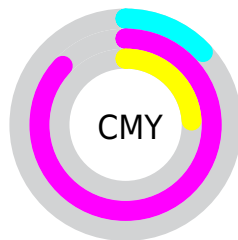
- Red (87%)
- Green (13%)
- Blue (76%)



- Red (87%)
- Yellow (13%)
- Blue (76%)



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



- Cyan (13%)
- Magenta (87%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD22C1 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 DD22C1 by changing the saturation by 10% instead.



 DD22C1

 DD22C1

FFFFFF

 BF00A6

 FF6AFA

 A1008B

 FF88FF

 840071

 FFA6FF


 670058

 FFC4FF

 4C0040

 FFE2FF

 2F0029

 010012

 000000

 DD22C1

 DD22C1

 DD0CBE

 DD38C4

 DD00BC

 DD4EC8

 DD64CB

 DD7ACE

 DD91D2

 DDA7D5

 DDBDD8

 DDD3DB

 DDE9DF

# Harmonies

## Analogous

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



8061FE



DD22C1



FD0076

# Triad

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



DD22C1



8F7D00



009CD2

# Complementary

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



DD22C1



22DD3E

# 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.



009B86



DD22C1



378F00

# Square

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



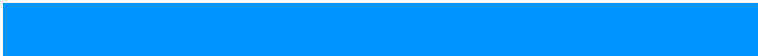
DD22C1



CB5D00



009833



0096FF

# Rectangle

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



DD22C1



FA0044



009833



009CBA



# Sweetspot

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



DD22C1



FFBFF5



3B22DD



80597A



000000



808080



# Same Dimension

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



DD22C1



FF00D9



DD2267



6E636C



AD0093



2E0027



# Inverse Universe

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



DD22C1



FF00D9



22DD98



6E636C



AD0093



2E0027



# Previews

## White Background



This preview shows how the Hex color DD22C1 looks on a white background.

## Color Contrast Check

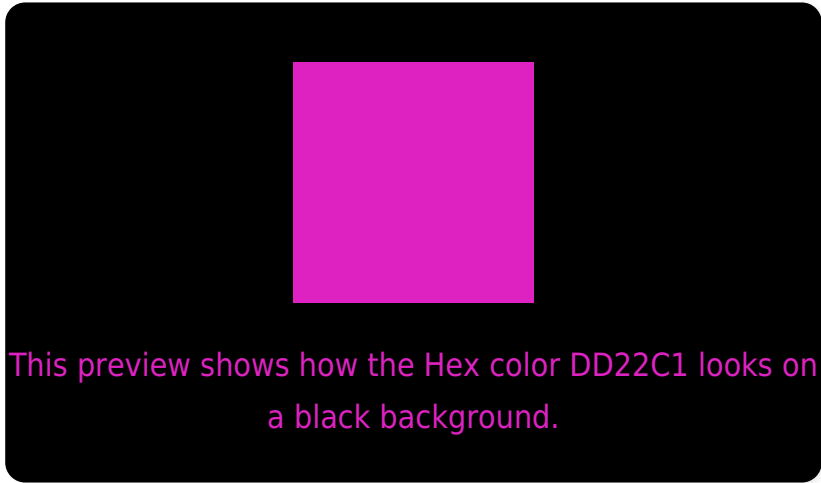
Large Text (above 18pt) WCAG AA ✓ Pass

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

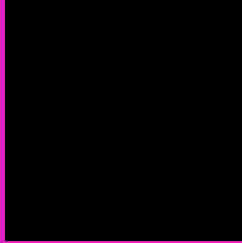
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DD22C1 Background



This preview shows how black text looks on a background with the Hex color DD22C1.

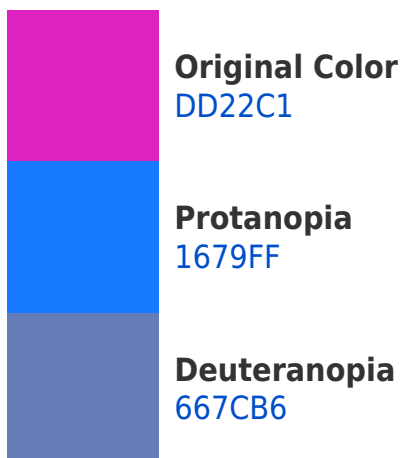



This preview shows how white text looks on a background with the Hex color DD22C1.

# 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**  
D35156

# Trichromacy



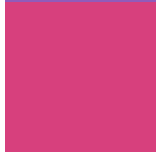
**Original Color**  
DD22C1



**Protanomaly**  
5E59E8



**Deuteranomaly**  
915BBA



**Tritanomaly**  
D7407D

# Monochromacy



**Original Color**  
DD22C1



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
95518B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD22C1 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 #DD22C1 looks like.

```
.text, #text, p{  
    color:#DD22C1  
}
```

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 #DD22C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD22C1
}
```

## Border

The CSS property to change the border of an element to Hex DD22C1 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
#DD22C1 }
```

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

```
.border{ border-color:#DD22C1 }
```

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

Here you see how a box with a 4 pixel #DD22C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD22C1; -webkit-box-shadow:4px 4px  
4px 4px #DD22C1; box-shadow:4px 4px 4px  
4px #DD22C1 }
```

# Background

The CSS property to change the background color of an element to Hex DD22C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD22C1 }
```

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

```
.background{ background-color:#DD22C1 }
```

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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