

# Converting Colors

Hex(D21CC5)

Have a look what the booklet for  
Hex(D21CC5) contains.

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**Color**

**Hex(D21CC5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D21CC5
RGB	210, 28, 197
RGB Percent	82%, 11%, 77%
CMY	0.1765, 0.8902, 0.2275
CMYK	0.00, 0.87, 0.06, 0.18
HSL	304°, 76%, 47%
HSV	304°, 87%, 82%
XYZ	37.0716, 18.5634, 54.4525
YIQ	101.6840, 54.2230, 91.1430

# Conversions

## Conversions Part 2

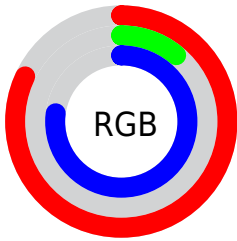
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 28, 197
Decimal	13769925
CIE <sub>Lab</sub>	50.17, 80.09, -44.66
CIE <sub>LCh</sub>	50, 91.702, 330.855
Yxy	18.5634, 0.3367, 0.1686
Android (android.graphics.Color)	4291960005 (0xFFD21CC5)
YUV	101.6840, 46.9908, 94.9931
Hunter-Lab	43.0852, 78.1869, -44.7730

# Details

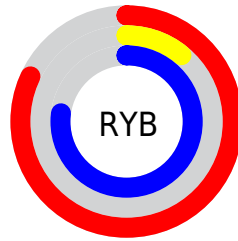
The Hex color **D21CC5** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed magenta. A complement of this color would be **1CD229**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF66FE**, and **97008E** is the 20% darker color. If you saturate the color by 10%, you get **D207C4**, and if you desaturate by 10%, it is **D231C7**.

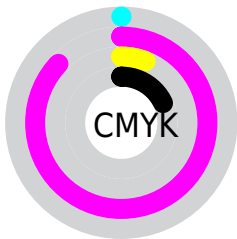
# Distribution



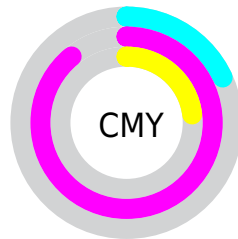
- Red (82%)
- Green (11%)
- Blue (77%)



- Red (82%)
- Yellow (11%)
- Blue (77%)



- Cyan (0%)
- Magenta (87%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (89%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D21CC5 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 D21CC5 by changing the saturation by 10% instead.



 D21CC5

 D21CC5

FFFFFF

 B400A9

 FF66FE

 97008E

 FF84FF

 7A0074

 FFA2FF

 5D005B

 FFBFFF

 430043

 FFDDFF

 25002C

 FFFCFF

 000115

 000000

 D21CC5

 D21CC5

 D207C4

 D231C7

 D200C3

 D246C8

 D25BCA

 D270CB

 D285CD

 D29ACE

 D2AFD0

 D2C4D1

 D2D9D3

# Harmonies

## Analogous

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



6661FF



D21CC5



F80079

# Triad

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



D21CC5



907600



0096C6

# Complementary

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



D21CC5



1CD229

# 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.



009678



D21CC5



3C8900

# Square

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



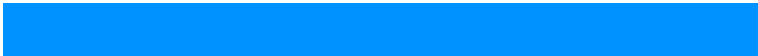
D21CC5



CB5200



00921F



0092FF

# Rectangle

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



D21CC5



F80046



00921F



0097AD



# Sweetspot

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



D21CC5



FFBDFA



281CD2



80587D



000000



808080



# Same Dimension

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



D21CC5



FF00ED



D21C6B



695E68



A8009C



290026



# Inverse Universe

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



D21CC5



FF00ED



1CD283



695E68



A8009C



290026



# Previews

## White Background



This preview shows how the Hex color D21CC5 looks on a white background.

## Color Contrast Check

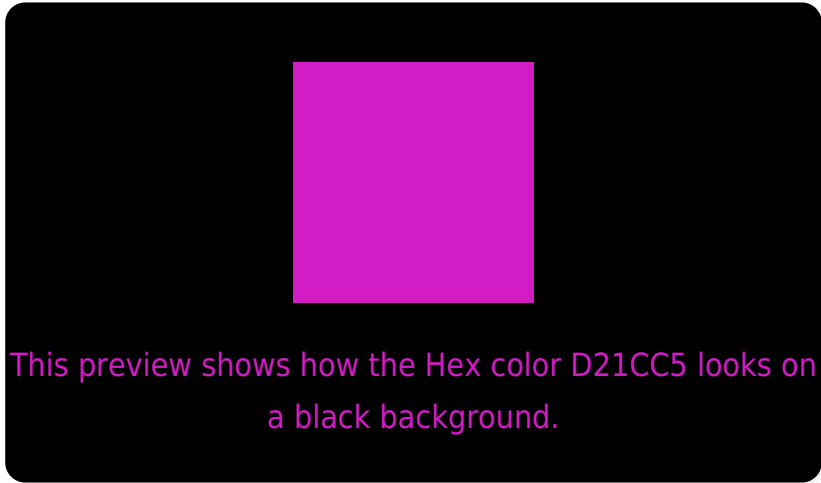
Large Text (above 18pt) WCAG AA ✓ Pass

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

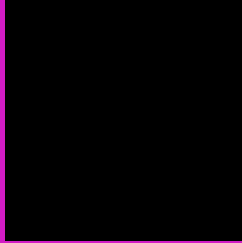
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D21CC5 Background



This preview shows how black text looks on a background with the Hex color D21CC5.

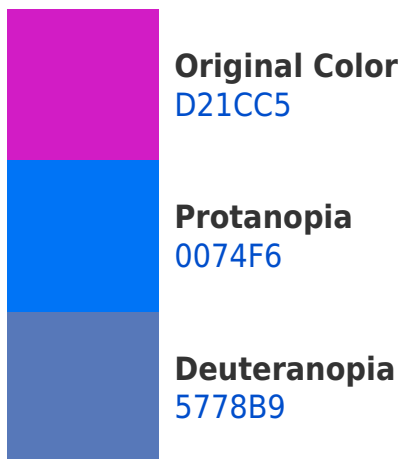



This preview shows how white text looks on a background with the Hex color D21CC5.

# 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**  
C75156

# Trichromacy



**Original Color**  
D21CC5



**Protanomaly**  
4C54E4



**Deuteranomaly**  
8457BD



**Tritanomaly**  
CB3E7E

# Monochromacy



**Original Color**  
D21CC5



**Achromatopsia**  
666666



**Achromatomaly**  
8D4B89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D21CC5 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 #D21CC5 looks like.

```
.text, #text, p{  
    color:#D21CC5  
}
```

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 #D21CC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D21CC5
}
```

## Border

The CSS property to change the border of an element to Hex D21CC5 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
#D21CC5 }
```

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

```
.border{ border-color:#D21CC5 }
```

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

Here you see how a box with a 4 pixel #D21CC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D21CC5; -webkit-box-shadow:4px 4px  
4px 4px #D21CC5; box-shadow:4px 4px 4px  
4px #D21CC5 }
```

# Background

The CSS property to change the background color of an element to Hex D21CC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D21CC5 }
```

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

```
.background{ background-color:#D21CC5 }
```

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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