

# Converting Colors

Hex(D71BC4)

Have a look what the booklet for  
Hex(D71BC4) contains.

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**Color**

**Hex(D71BC4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D71BC4
RGB	215, 27, 196
RGB Percent	84%, 11%, 77%
CMY	0.1569, 0.8941, 0.2314
CMYK	0.00, 0.87, 0.09, 0.16
HSL	306°, 78%, 47%
HSV	306°, 87%, 84%
XYZ	38.3801, 19.2165, 53.9108
YIQ	102.4780, 57.7990, 92.4150

# Conversions

## Conversions Part 2

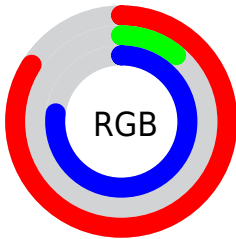
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	215, 27, 196
Decimal	14097348
CIE <sub>Lab</sub>	50.94, 81.03, -42.81
CIE <sub>LCh</sub>	51, 91.647, 332.153
Yxy	19.2165, 0.3442, 0.1723
Android (android.graphics.Color)	4292287428 (0xFFD71BC4)
YUV	102.4780, 46.1063, 98.6818
Hunter-Lab	43.8366, 79.5674, -42.2301

# Details

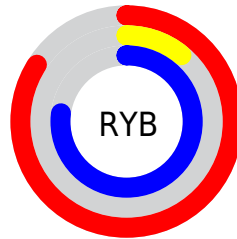
The Hex color **D71BC4** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed magenta. A complement of this color would be **1BD72E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF66FD**, and **9C008E** is the 20% darker color. If you saturate the color by 10%, you get **D705C2**, and if you desaturate by 10%, it is **D731C6**.

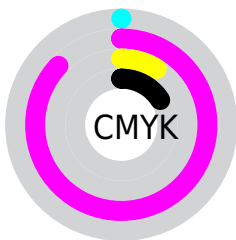
# Distribution



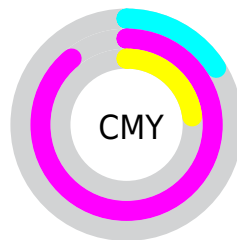
- Red (84%)
- Green (11%)
- Blue (77%)



- Red (84%)
- Yellow (11%)
- Blue (77%)



- Cyan (0%)
- Magenta (87%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (89%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D71BC4 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 D71BC4 by changing the saturation by 10% instead.



 D71BC4

 D71BC4

FFFFFF

 B900A8

 FF66FD

 9C008E

 FF84FF

 7E0074

 FFA2FF

 62005A

 FFC0FF

 470042

 FFDEFF

 29002B

 FFFDFF

 000115

 000000

 D71BC4

 D71BC4

 D705C2

 D731C6

 D700C1

 D746C8

 D75CCB

 D771CD

 D787CF

 D79CD1

 D7B2D3

 D7C7D5

 D7DDD8

# Harmonies

## Analogous

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



7061FF



D71BC4



FB0077

# Triad

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



D71BC4



8F7900



0099CC

# Complementary

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



D71BC4



1BD72E

# 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.



00987D



D71BC4



398B00

# Square

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



D71BC4



CB5600



009426



0094FF

# Rectangle

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



D71BC4



FA0045



009426



0099B3



# Sweetspot

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



D71BC4



FFBDF8



2E1BD7



80587C



000000



808080



# Same Dimension

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



D71BC4



FF00E5



D71B66



6B606A



AB009A



2B0027



# Inverse Universe

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



D71BC4



FF00E5



1BD78C



6B606A



AB009A

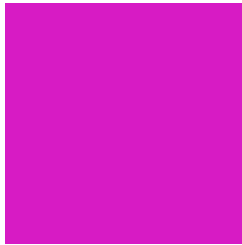


2B0027



# Previews

## White Background



This preview shows how the Hex color D71BC4 looks on a white background.

## Color Contrast Check

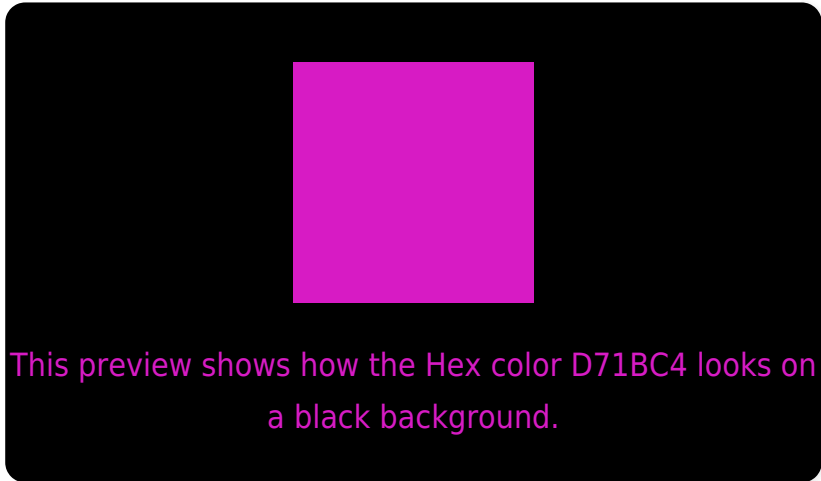
Large Text (above 18pt) WCAG AA ✓ Pass

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

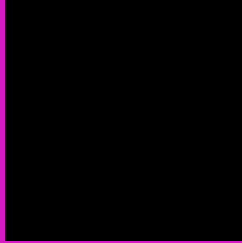
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D71BC4 Background



This preview shows how black text looks on a background with the Hex color D71BC4.

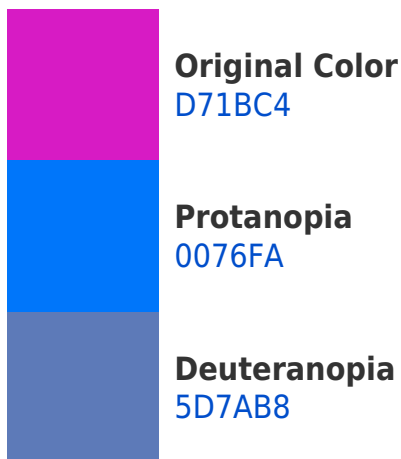


This preview shows how white text looks on a background with the Hex color D71BC4.

# 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





# Trichromacy



**Original Color**  
D71BC4



**Protanomaly**  
4E55E6



**Deuteranomaly**  
8957BC



**Tritanomaly**  
D03D7D

# Monochromacy



**Original Color**  
D71BC4



**Achromatopsia**  
666666



**Achromatomaly**  
8F4B88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D71BC4 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 #D71BC4 looks like.

```
.text, #text, p{  
    color:#D71BC4  
}
```

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 #D71BC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D71BC4
}
```

## Border

The CSS property to change the border of an element to Hex D71BC4 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
#D71BC4 }
```

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

```
.border{ border-color:#D71BC4 }
```

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

Here you see how a box with a 4 pixel #D71BC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D71BC4; -webkit-box-shadow:4px 4px  
4px 4px #D71BC4; box-shadow:4px 4px 4px  
4px #D71BC4 }
```

# Background

The CSS property to change the background color of an element to Hex D71BC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D71BC4 }
```

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

```
.background{ background-color:#D71BC4 }
```

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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