

# Converting Colors

Hex(DC71B4)

Have a look what the booklet for  
Hex(DC71B4) contains.

<b>Hex(DC71B4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(DC71B4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC71B4
RGB	220, 113, 180
RGB Percent	86%, 44%, 71%
CMY	0.1373, 0.5569, 0.2941
CMYK	0.00, 0.49, 0.18, 0.14
HSL	322°, 60%, 65%
HSV	322°, 49%, 86%
XYZ	43.6585, 30.3212, 46.7315
YIQ	152.6310, 42.2650, 43.5210

# Conversions

## Conversions Part 2

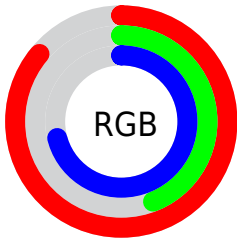
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 113, 180
Decimal	14447028
CIE Lab	61.93, 49.88, -16.50
CIE LCh	62, 52.538, 341.697
Yxy	30.3212, 0.3617, 0.2512
Android (android.graphics.Color)	4292637108 (0xFFDC71B4)
YUV	152.6310, 13.4929, 59.0826
Hunter-Lab	55.0647, 45.1622, -11.7721

# Details

The Hex color **DC71B4** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **71DC99**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA8EC**, and **A33B7F** is the 20% darker color. If you saturate the color by 10%, you get **DC5BAC**, and if you desaturate by 10%, it is **DC87BC**.

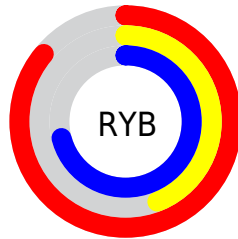
# Distribution



Red (86%)

Green (44%)

Blue (71%)



Red (86%)

Yellow (44%)

Blue (71%)

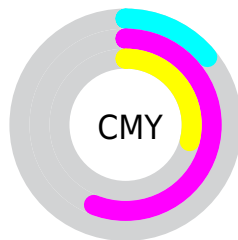


Cyan (0%)

Magenta (49%)

Yellow (18%)

Black (14%)



Cyan (14%)

Magenta (56%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC71B4 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 DC71B4 by changing the saturation by 10% instead.



 DC71B4

 DC71B4

FFFFFF

 BF5699

 FFA8EC

 A33B7F

 FFC4FF

 871F66

 FFE1FF

 6B004E

FFFEFF

 510037

 380022

 1B0007

 000000

 DC71B4

 DC71B4

 DC5BAC

 DC87BC

 DC45A4

 DC9DC4

 DC2F9B

 DCB3CD

 DC1993

 DCC9D5

 DC038B

 DCDFDD

 DC008A

 DCF5E5

 DCFFEE

 DCFFF6

 DCFFFE

# Harmonies

## Analogous

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



B082DC



DC71B4



EC6C85

# Triad

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



DC71B4



9E9934



00AAD2

# Complementary

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



DC71B4



71DC99

# 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.



00ADA7



DC71B4



6BA44D

# Square

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



DC71B4



C7893B



00AB77



00A3EE

# Rectangle

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



DC71B4



E87267



00AB77



00ACC5



# Sweetspot

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



DC71B4



FFD9F1



9871DC



806977



000000



808080



# Same Dimension

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



DC71B4



FF6BC8



DC717F



6E636A



AD006D



2E001D



# Inverse Universe

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



DC71B4



FF6BC8



71DCCE



6E636A



AD006D



2E001D



# Previews

## White Background



This preview shows how the Hex color DC71B4 looks on a white background.

## Color Contrast Check

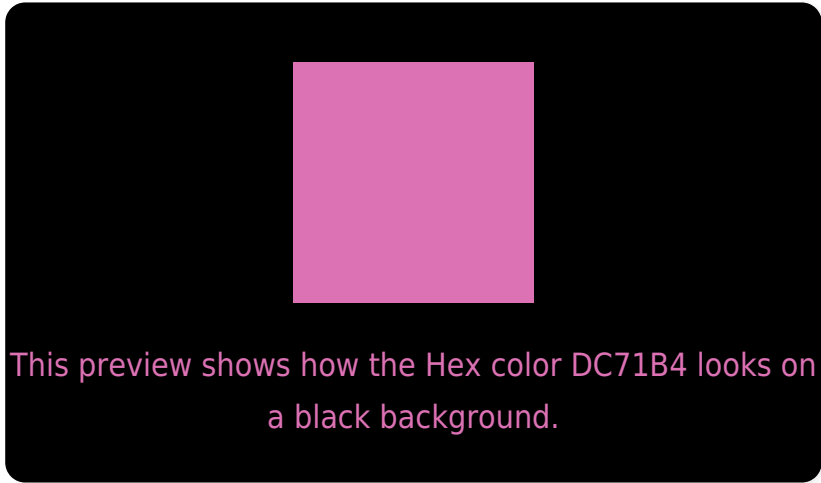
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex DC71B4 Background



This preview shows how black text looks on a background with the Hex color DC71B4.

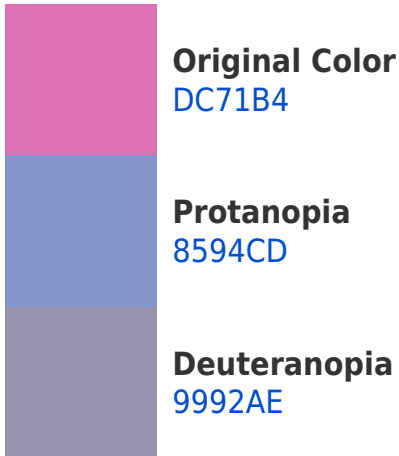


This preview shows how white text looks on a background with the Hex color DC71B4.

# 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**  
D77B84

# Trichromacy



**Original Color**  
DC71B4



**Protanomaly**  
A587C4



**Deuteranomaly**  
B186B0

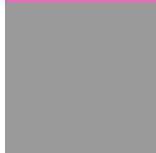


**Tritanomaly**  
D97795

# Monochromacy



**Original Color**  
DC71B4



**Achromatopsia**  
999999



**Achromatomaly**  
B18AA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC71B4 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 #DC71B4 looks like.

```
.text, #text, p{  
    color:#DC71B4  
}
```

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 #DC71B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC71B4
}
```

## Border

The CSS property to change the border of an element to Hex DC71B4 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
#DC71B4 }
```

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

```
.border{ border-color:#DC71B4 }
```

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

Here you see how a box with a 4 pixel #DC71B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC71B4; -webkit-box-shadow:4px 4px  
4px 4px #DC71B4; box-shadow:4px 4px 4px  
4px #DC71B4 }
```

# Background

The CSS property to change the background color of an element to Hex DC71B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC71B4 }
```

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

```
.background{ background-color:#DC71B4 }
```

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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