

# Converting Colors

Hex(CD75BB)

Have a look what the booklet for  
Hex(CD75BB) contains.

<b>Hex(CD75BB)</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(CD75BB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD75BB
RGB	205, 117, 187
RGB Percent	80%, 46%, 73%
CMY	0.1961, 0.5412, 0.2667
CMYK	0.00, 0.43, 0.09, 0.20
HSL	312°, 47%, 63%
HSV	312°, 43%, 80%
XYZ	40.5078, 29.2896, 50.5322
YIQ	151.2920, 29.9780, 40.4260

# Conversions

## Conversions Part 2

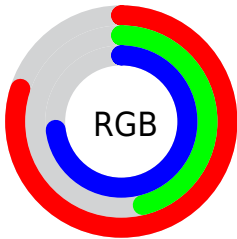
Format	Color
R <sub>Y</sub> B	205, 117, 187
Decimal	13465019
CIE Lab	61.04, 44.22, -22.02
CIE LCh	61, 49.401, 333.524
Yxy	29.2896, 0.3366, 0.2434
Android (android.graphics.Color)	4291655099 (0xFFCD75BB)
YUV	151.2920, 17.6040, 47.1019
Hunter-Lab	54.1198, 38.8945, -17.4757

# Details

The Hex color **CD75BB** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **75CD87**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFABF3**, and **954186** is the 20% darker color. If you saturate the color by 10%, you get **CD61B7**, and if you desaturate by 10%, it is **CD8ABF**.

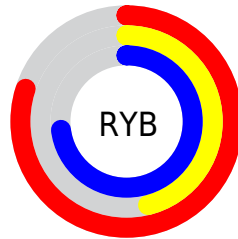
# Distribution



Red (80%)

Green (46%)

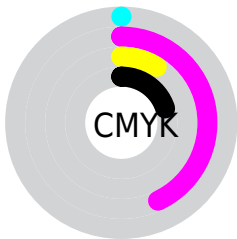
Blue (73%)



Red (80%)

Yellow (46%)

Blue (73%)

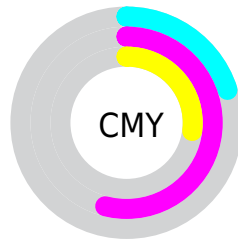


Cyan (0%)

Magenta (43%)

Yellow (9%)

Black (20%)



Cyan (20%)

Magenta (54%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD75BB 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 CD75BB by changing the saturation by 10% instead.



 CD75BB

 CD75BB

FFFFFF

 B15BA0

 FFABF3

 954186

 FFC7FF

 7A276C

 FFE4FF

 600754

 46003C

 300027

 07000F

 000000

 CD75BB

 CD75BB

CD61B7

CD8ABF

CD4CB3

CD9EC3

CD37AE

CDB3C8

CD23AA

CDC7CC

CD0EA6

CDDCD0

CD00A3

CDF0D4

CDFFD8

CDFFD8

CDFFE1

# Harmonies

## Analogous

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



9D86DC



CD75BB



E36D90

# Triad

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



CD75BB



A79338



00A8C2

# Complementary

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



CD75BB



75CD87

# 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.



00A997



CD75BB



7A9F47

# Square

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



CD75BB



CB8345



3CA66B



00A2E1

# Rectangle

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



CD75BB



E47073



3CA66B



00A9B5



# Sweetspot

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



CD75BB



FFDEF8



8775CD



806B7B



000000



808080



# Same Dimension

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



CD75BB



FF7AE4



CD758F



665C64



A60084



26001E



# Inverse Universe

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



CD75BB



FF7AE4



75CDB3



665C64



A60084



26001E



# Previews

## White Background



This preview shows how the Hex color CD75BB looks on a white background.

## Color Contrast Check

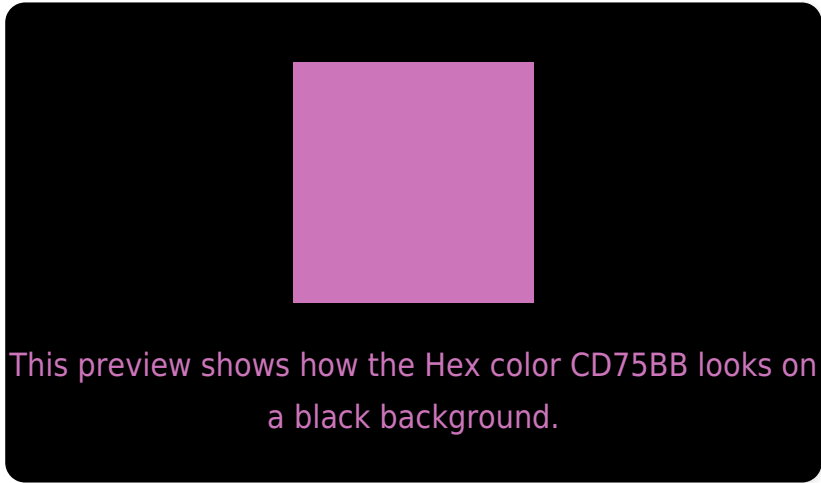
Large Text (above 18pt) WCAG AA ✓ Pass

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

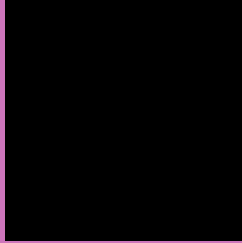
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CD75BB Background



This preview shows how black text looks on a background with the Hex color CD75BB.

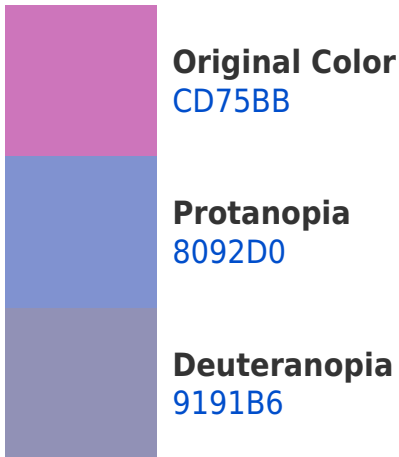


This preview shows how white text looks on a background with the Hex color CD75BB.

# 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**  
C77F89

# Trichromacy



**Original Color**  
CD75BB



**Protanomaly**  
9C87C8



**Deuteranomaly**  
A787B8

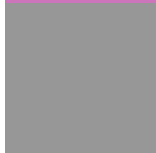


**Tritanomaly**  
C97B9B

# Monochromacy



**Original Color**  
CD75BB



**Achromatopsia**  
979797



**Achromatomaly**  
AB8BA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD75BB 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 #CD75BB looks like.

```
.text, #text, p{  
    color:#CD75BB  
}
```

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 #CD75BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD75BB
}
```

## Border

The CSS property to change the border of an element to Hex CD75BB 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
#CD75BB }
```

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

```
.border{ border-color:#CD75BB }
```

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

Here you see how a box with a 4 pixel #CD75BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD75BB; -webkit-box-shadow:4px 4px  
4px 4px #CD75BB; box-shadow:4px 4px 4px  
4px #CD75BB }
```

# Background

The CSS property to change the background color of an element to Hex CD75BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD75BB }
```

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

```
.background{ background-color:#CD75BB }
```

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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