

# Converting Colors

Hex(D5BBD8)

Have a look what the booklet for  
Hex(D5BBD8) contains.

<b>Hex(D5BBD8)</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(D5BBD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5BBD8
RGB	213, 187, 216
RGB Percent	84%, 73%, 85%
CMY	0.1647, 0.2667, 0.1529
CMYK	0.01, 0.13, 0.00, 0.15
HSL	294°, 27%, 79%
HSV	294°, 13%, 85%
XYZ	57.6056, 54.6446, 72.4771
YIQ	198.0800, 6.1870, 14.5310

# Conversions

## Conversions Part 2

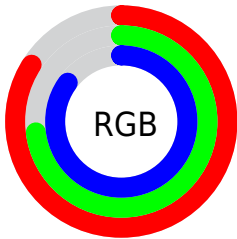
Format	Color
R <sub>Y</sub> B	213, 187, 216
Decimal	14007256
CIE Lab	78.84, 14.36, -11.12
CIE LCh	79, 18.158, 322.254
Yxy	54.6446, 0.3118, 0.2958
Android (android.graphics.Color)	4292197336 (0xFFD5BBD8)
YUV	198.0800, 8.8346, 13.0848
Hunter-Lab	73.9220, 9.7370, -6.3857

# Details

The Hex color **D5BBD8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **BED8BB**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFF3FF**, and **9E86A1** is the 20% darker color. If you saturate the color by 10%, you get **D3A5D8**, and if you desaturate by 10%, it is **D7D1D8**.

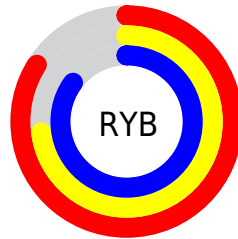
# Distribution



Red (84%)

Green (73%)

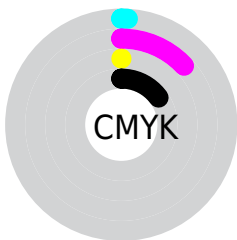
Blue (85%)



Red (84%)

Yellow (73%)

Blue (85%)

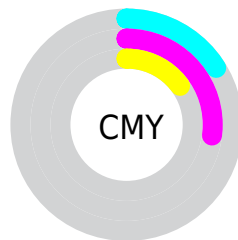


Cyan (1%)

Magenta (13%)

Yellow (0%)

Black (15%)



Cyan (16%)

Magenta (27%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5BBD8 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 D5BBD8 by changing the saturation by 10% instead.



 D5BBD8

 D5BBD8

FFFFFF

 B9A0BC

 FFF3FF

 9E86A1

 846C87

 6B546E

 523D55

 3B273E

 251228

 0E0014

 000000

 D5BBD8

 D5BBD8

 D3A5D8

 D7D1D8

 D190D8

 D9E6D8

 CE7AD8

 DCFC D8

 CC65D8

 DEFF D8

 CA4FD8

 E0FF D8

 C839D8

 E2FF D8

 C524D8

 E5FF D8

 C30ED8

 E7FF D8

 C200D8

 E9FF D8

# Harmonies

## Analogous

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



C1C0E2



D5BBD8



E3B8C8

# Triad

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



D5BBD8



D5C0A2



97CDCF

# Complementary

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



D5BBD8



BED8BB

# 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.



9FCDBE



D5BBD8



C3C6A4

# Square

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



D5BBD8



E2BBA9



B0CAAE



9BCADD

# Rectangle

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



D5BBD8



E7B7BD



B0CAAE



98CDCA



# Sweetspot

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



D5BBD8



FEF5FF



BBBED8



7F7980



000000



808080



# Same Dimension

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



D5BBD8



FBD6FF



D8BBCD



6A606B



9900AB



27002B



# Inverse Universe

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



D8BBBE



FFD6DA



BBD8C6



6B6061



AB0012

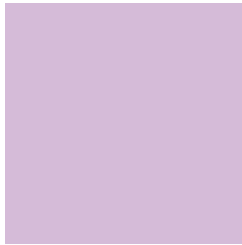


2B0004



# Previews

## White Background



This preview shows how the Hex color D5BBD8 looks on a white background.

## Color Contrast Check

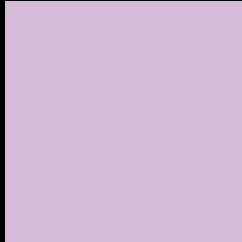
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D5BBD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

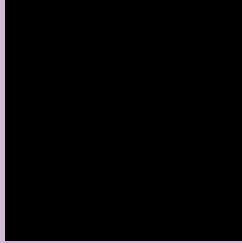
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D5BBD8 Background



This preview shows how black text looks on a background with the Hex color D5BBD8.

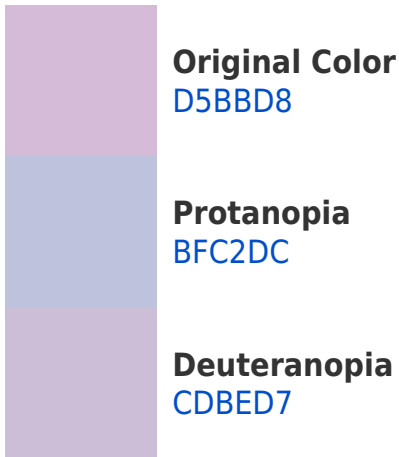


This preview shows how white text looks on a background with the Hex color D5BBD8.

# 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**  
D5BBD8

**Protanomaly**  
C7BFDB

**Deuteranomaly**  
D0BDD7

**Tritanomaly**  
D4BCD0

# Monochromacy



**Original Color**  
D5BBD8

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
CBC2CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5BBD8 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 #D5BBD8 looks like.

```
.text, #text, p{  
    color:#D5BBD8  
}
```

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 #D5BBD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5BBD8  
}
```

## Border

The CSS property to change the border of an element to Hex D5BBD8 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  
#D5BBD8 }
```

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

```
.border{ border-color:#D5BBD8 }
```

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

Here you see how a box with a 4 pixel #D5BBD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5BBD8; -webkit-box-shadow:4px 4px  
4px 4px #D5BBD8; box-shadow:4px 4px 4px  
4px #D5BBD8 }
```

# Background

The CSS property to change the background color of an element to Hex D5BBD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5BBD8 }
```

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

```
.background{ background-color:#D5BBD8 }
```

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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