

# Converting Colors

Hex(D58BC6)

Have a look what the booklet for  
Hex(D58BC6) contains.

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# **Color**

**Hex(D58BC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D58BC6
RGB	213, 139, 198
RGB Percent	84%, 55%, 78%
CMY	0.1647, 0.4549, 0.2235
CMYK	0.00, 0.35, 0.07, 0.16
HSL	312°, 47%, 69%
HSV	312°, 35%, 84%
XYZ	46.8662, 36.6886, 58.0376
YIQ	167.8520, 25.1650, 34.0370

# Conversions

## Conversions Part 2

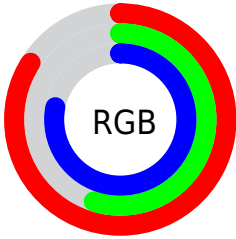
Format	Color
R <sub>Y</sub> B	213, 139, 198
Decimal	13994950
CIE Lab	67.04, 37.07, -18.98
CIE LCh	67, 41.648, 332.882
Yxy	36.6886, 0.3310, 0.2591
Android (android.graphics.Color)	4292185030 (0xFFD58BC6)
YUV	167.8520, 14.8630, 39.5948
Hunter-Lab	60.5711, 32.1130, -14.4103

# Details

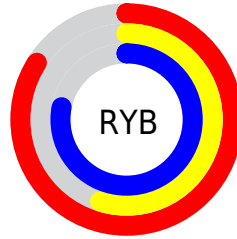
The Hex color **D58BC6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8BD59A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFC2FF**, and **9D5790** is the 20% darker color. If you saturate the color by 10%, you get **D576C2**, and if you desaturate by 10%, it is **D5A0CA**.

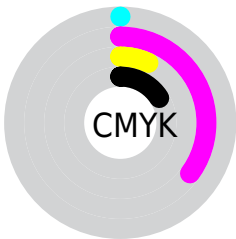
# Distribution



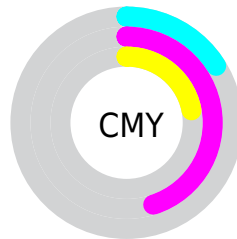
- Red (84%)
- Green (55%)
- Blue (78%)



- Red (84%)
- Yellow (55%)
- Blue (78%)



- Cyan (0%)
- Magenta (35%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (45%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D58BC6 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 D58BC6 by changing the saturation by 10% instead.



 D58BC6

 D58BC6

FFFFFF

 B971AB

 FFC2FF

 9D5790

 FFDEFF

 823E76

 FFFBFF

 68265E

 4F0B46

 36002F

 20001A

 000000

 D58BC6

 D58BC6

 D576C2

 D5A0CA

 D560BD

 D5B6CF

 D54BB9

 D5CBD3

 D536B5

 D5E0D7

 D521B0

 D5F5DC

 D50BAC

 D5FFE0

 D500AA

 D5FFE4

 D5FFE9

 D5FFED

# Harmonies

## Analogous

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



AC98E2



D58BC6



E985A1

# Triad

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



D58BC6



B7A257



00B6CB

# Complementary

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



D58BC6



8BD59A

# 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.



16B7A6



D58BC6



90AD62

# Square

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



D58BC6



D69561



61B480



00B0E5

# Rectangle

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



D58BC6



EB8788



61B480



00B6BF



# Sweetspot

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



D58BC6



FFE6FA



9A8BD5



80707C



000000



808080



# Same Dimension

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



D58BC6



FF94E9



D58BA1



6B6069



AB0088



2B0023



# Inverse Universe

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



D58BC6



FF94E9



8BD5BF



6B6069



AB0088



2B0023



# Previews

## White Background



This preview shows how the Hex color D58BC6 looks on a white background.

## Color Contrast Check

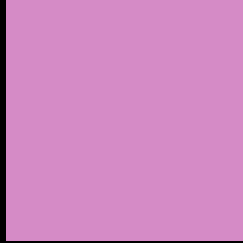
Large Text (above 18pt) WCAG AA × Fail

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 D58BC6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

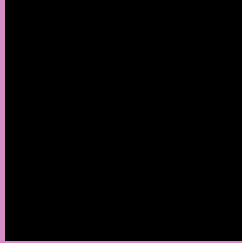
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D58BC6 Background



This preview shows how black text looks on a background with the Hex color D58BC6.

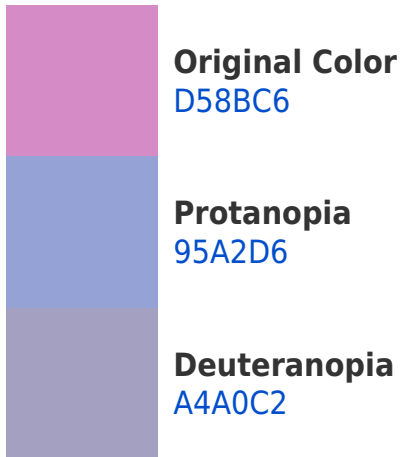


This preview shows how white text looks on a background with the Hex color D58BC6.

# 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**  
D0939E

# Trichromacy



**Original Color**  
D58BC6



**Protanomaly**  
AC9AD0



**Deuteranomaly**  
B698C3



**Tritanomaly**  
D290AD

# Monochromacy



**Original Color**  
D58BC6



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
B89DB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D58BC6 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 #D58BC6 looks like.

```
.text, #text, p{  
    color:#D58BC6  
}
```

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 #D58BC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D58BC6
}
```

## Border

The CSS property to change the border of an element to Hex D58BC6 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
#D58BC6 }
```

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

```
.border{ border-color:#D58BC6 }
```

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

Here you see how a box with a 4 pixel #D58BC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D58BC6; -webkit-box-shadow:4px 4px  
4px 4px #D58BC6; box-shadow:4px 4px 4px  
4px #D58BC6 }
```

# Background

The CSS property to change the background color of an element to Hex D58BC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D58BC6 }
```

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

```
.background{ background-color:#D58BC6 }
```

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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