

# Converting Colors

Hex(D27AC6)

Have a look what the booklet for  
Hex(D27AC6) contains.

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# **Color**

**Hex(D27AC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D27AC6
RGB	210, 122, 198
RGB Percent	82%, 48%, 78%
CMY	0.1765, 0.5216, 0.2235
CMYK	0.00, 0.42, 0.06, 0.18
HSL	308°, 49%, 65%
HSV	308°, 42%, 82%
XYZ	43.7309, 31.6979, 57.2395
YIQ	156.9760, 28.0520, 42.2920

# Conversions

## Conversions Part 2

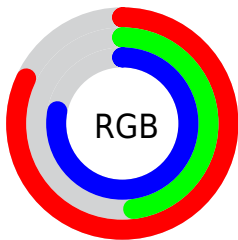
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 122, 198
Decimal	13793990
CIE Lab	63.09, 45.08, -25.05
CIE LCh	63, 51.575, 330.944
Yxy	31.6979, 0.3296, 0.2389
Android (android.graphics.Color)	4291984070 (0xFFD27AC6)
YUV	156.9760, 20.2248, 46.5020
Hunter-Lab	56.3009, 40.1207, -20.8678

# Details

The Hex color **D27AC6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7AD286**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB0FF**, and **9A4690** is the 20% darker color. If you saturate the color by 10%, you get **D265C3**, and if you desaturate by 10%, it is **D28FC9**.

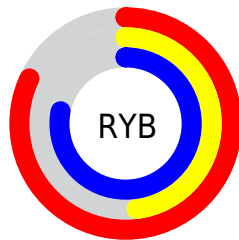
# Distribution



Red (82%)

Green (48%)

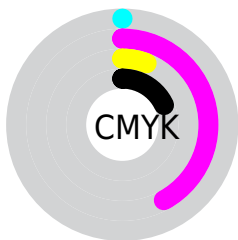
Blue (78%)



Red (82%)

Yellow (48%)

Blue (78%)

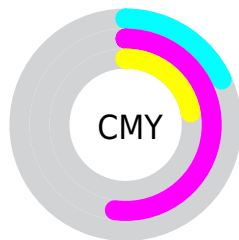


Cyan (0%)

Magenta (42%)

Yellow (6%)

Black (18%)



Cyan (18%)

Magenta (52%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D27AC6 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 D27AC6 by changing the saturation by 10% instead.



 D27AC6

 D27AC6

FFFFFF

 B660AB

 FFBOFF

 9A4690

 FFCCFF

 7F2C76

 FFE9FF

 640E5D

 4A0045

 32002F

 150019

 000000

 D27AC6

 D27AC6

 D265C3

 D28FC9

 D250C0

 D2A4CC

 D23BBD

 D2B9CF

 D226BB

 D2CED1

 D211B8

 D2E3D4

 D200B5

 D2F8D7

 D2FFDA

 D2FFDD

 D2FFE0

# Harmonies

## Analogous

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



9D8CE8



D27AC6



EB7099

# Triad

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



D27AC6



B19738



00AFC7

# Complementary

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



D27AC6



7AD286

# 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.



00AF99



D27AC6



83A446

# Square

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



D27AC6



D58648



44AC6A



00A9E8

# Rectangle

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



D27AC6



EE737A



44AC6A



00AFB8



# Sweetspot

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



D27AC6



FFDEFA



867AD2



806B7D



000000



808080



# Same Dimension

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



D27AC6



FF80EE



D27A9A



695E67



A80091



290023



# Inverse Universe

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



D27AC6



FF80EE



7AD2B2



695E67



A80091



290023



# Previews

## White Background



This preview shows how the Hex color D27AC6 looks on a white background.

## Color Contrast Check

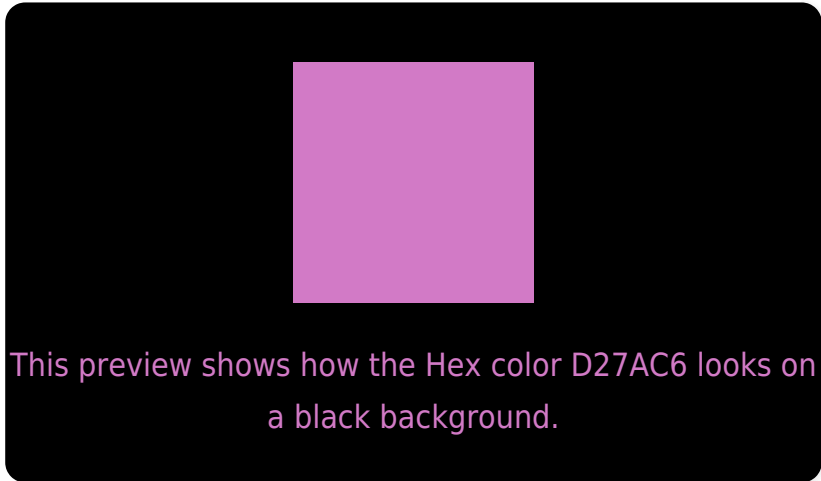
Large Text (above 18pt) WCAG AA × Fail

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

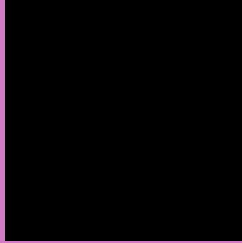
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D27AC6 Background



This preview shows how black text looks on a background with the Hex color D27AC6.

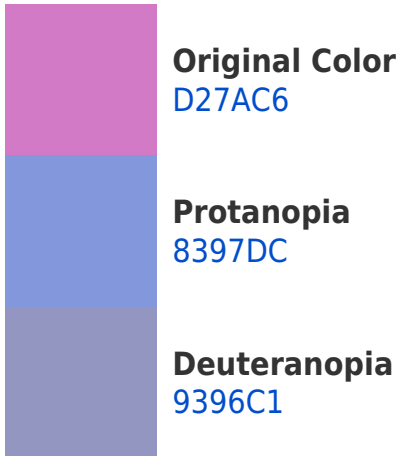


This preview shows how white text looks on a background with the Hex color D27AC6.

# 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**  
CB8590

# Trichromacy



**Original Color**  
D27AC6



**Protanomaly**  
A08CD4



**Deuteranomaly**  
AA8CC3

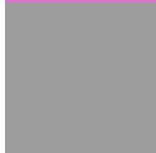


**Tritanomaly**  
CE81A4

# Monochromacy



**Original Color**  
D27AC6



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
B090AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D27AC6 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 #D27AC6 looks like.

```
.text, #text, p{  
    color:#D27AC6  
}
```

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 #D27AC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D27AC6  
}
```

## Border

The CSS property to change the border of an element to Hex D27AC6 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  
#D27AC6 }
```

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

```
.border{ border-color:#D27AC6 }
```

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

Here you see how a box with a 4 pixel #D27AC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D27AC6; -webkit-box-shadow:4px 4px  
4px 4px #D27AC6; box-shadow:4px 4px 4px  
4px #D27AC6 }
```

# Background

The CSS property to change the background color of an element to Hex D27AC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D27AC6 }
```

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

```
.background{ background-color:#D27AC6 }
```

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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