

Converting Colors

Hex(C27AB4)

Have a look what the booklet for
Hex(C27AB4) contains.

Hex(C27AB4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C27AB4)

Conversions

Conversions Part 1

Format	Color
Hex	C27AB4
RGB	194, 122, 180
RGB Percent	76%, 48%, 71%
CMY	0.2392, 0.5216, 0.2941
CMYK	0.00, 0.37, 0.07, 0.24
HSL	312°, 37%, 62%
HSV	312°, 37%, 76%
XYZ	37.4459, 28.6837, 46.7429
YIQ	150.1400, 24.2940, 33.3020

Conversions

Conversions Part 2

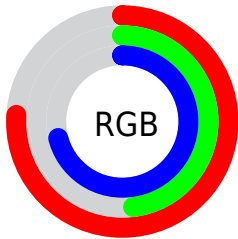
Format	Color
RYB	194, 122, 180
Decimal	12745396
CIELab	60.50, 36.80, -18.98
CIElCh	61, 41.400, 332.720
Yxy	28.6837, 0.3318, 0.2541
Android (android.graphics.Color)	4290935476 (0xFFC27AB4)
YUV	150.1400, 14.7210, 38.4652
Hunter-Lab	53.5572, 31.0779, -14.2563

Details

The Hex color **C27AB4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **7AC288**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FCB0EC**, and **8B477F** is the 20% darker color. If you saturate the color by 10%, you get **C267B0**, and if you desaturate by 10%, it is **C28DB8**.

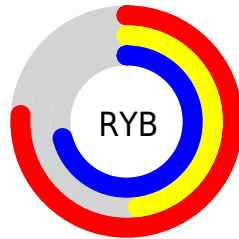
Distribution



Red (76%)

Green (48%)

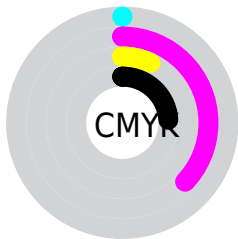
Blue (71%)



Red (76%)

Yellow (48%)

Blue (71%)

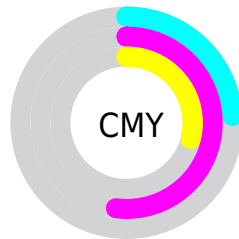


Cyan (0%)

Magenta (37%)

Yellow (7%)

Black (24%)



Cyan (24%)

Magenta (52%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color C27AB4 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 C27AB4 by changing the saturation by 10% instead.

 C27AB4

 C27AB4

FFFFFF

 A66099

 FCB0EC

 8B477F

 FFCBFF

 712F66

 FFE8FF

 57154E

 3E0037

 2A0022

 000006

 000000

 C27AB4

 C27AB4

 C267B0

 C28DB8

 C253AC

 C2A1BC

 C240A9

 C2B4BF

 C22CA5

 C2C8C3

 C219A1

 C2DBC7

 C2069D

 C2EECB

 C2009C

 C2FFCE

 C2FFD2

 C2FFD6

Harmonies

Analogous

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



9987CF



C27AB4



D67490

Triad

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



C27AB4



A59147



00A4B8

Complementary

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



C27AB4



7AC288

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.



00A594



C27AB4



7F9B52

Square

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



C27AB4



C38451



50A26F



009ED2

Rectangle

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



C27AB4



D77678



50A26F



00A4AD

Sweetspot

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



C27AB4



FCE1F7



877AC2



806F7C



000000



808080

Same Dimension

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



C27AB4



FC8BE6



C27A91



61575F



A10081



21001B

Inverse Universe

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



C27AB4



FC8BE6



7AC2AB



61575F



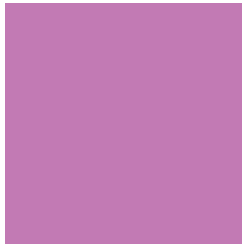
A10081



21001B

Previews

White Background



This preview shows how the Hex color C27AB4 looks on a white background.

Color Contrast Check

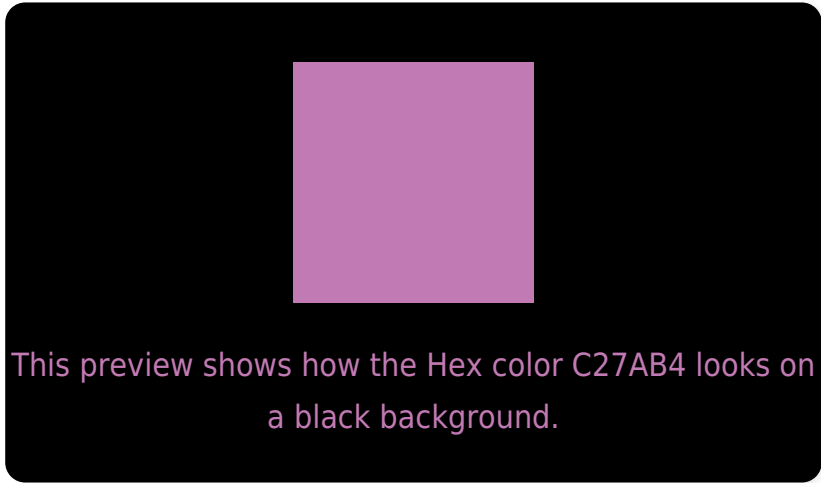
Large Text (above 18pt) WCAG AA ✓ Pass

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

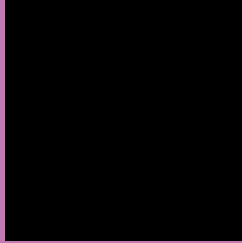
Any Text WCAG AA ✓ Pass

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 C27AB4 Background



This preview shows how black text looks on a background with the Hex color C27AB4.

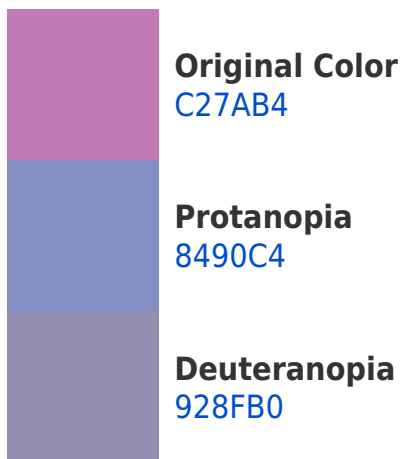



This preview shows how white text looks on a background with the Hex color C27AB4.

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](#).

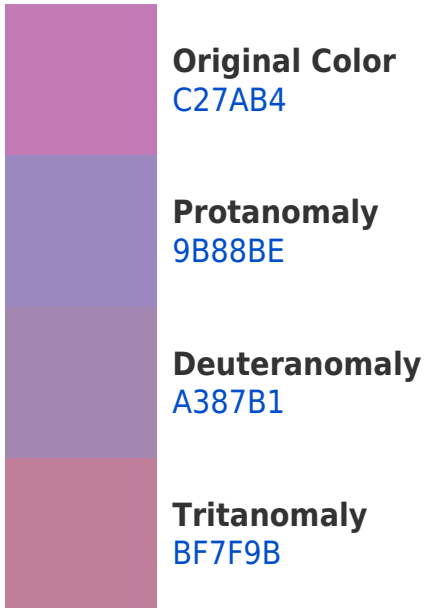
Dichromacy



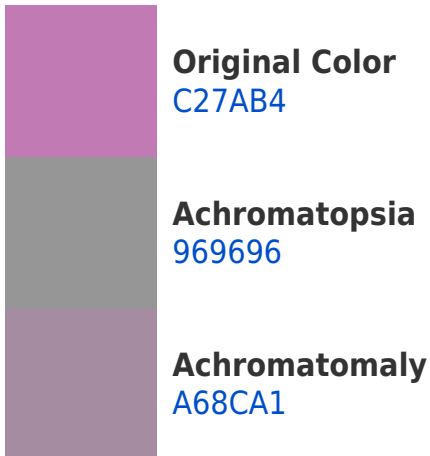


Tritanopia
BD828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C27AB4 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 #C27AB4 looks like.

```
.text, #text, p{  
    color:#C27AB4  
}
```

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 #C27AB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27AB4
}
```

Border

The CSS property to change the border of an element to Hex C27AB4 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
#C27AB4 }
```

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

```
.border{ border-color:#C27AB4 }
```

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

Here you see how a box with a 4 pixel #C27AB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27AB4; -webkit-box-shadow:4px 4px  
4px 4px #C27AB4; box-shadow:4px 4px 4px  
4px #C27AB4 }
```

Background

The CSS property to change the background color of an element to Hex C27AB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27AB4 }
```

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

```
.background{ background-color:#C27AB4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor