

# Converting Colors

Hex(B27CED)

Have a look what the booklet for  
Hex(B27CED) contains.

<b>Hex(B27CED)</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(B27CED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B27CED
RGB	178, 124, 237
RGB Percent	70%, 49%, 93%
CMY	0.3020, 0.5137, 0.0706
CMYK	0.25, 0.48, 0.00, 0.07
HSL	269°, 76%, 71%
HSV	269°, 48%, 93%
XYZ	40.8538, 29.9947, 83.7571
YIQ	153.0280, -4.0890, 46.5910

# Conversions

## Conversions Part 2

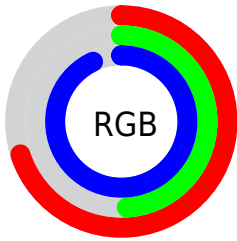
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	178, 124, 237
Decimal	11697389
CIE <sub>Lab</sub>	61.65, 42.64, -49.37
CIE <sub>LCh</sub>	62, 65.241, 310.818
Y <sub>xy</sub>	29.9947, 0.2642, 0.1940
Android (android.graphics.Color)	4289887469 (0xFFB27CED)
YUV	153.0280, 41.3982, 21.9004
Hunter-Lab	54.7674, 37.3093, -52.3364

# Details

The Hex color **B27CED** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B7ED7C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **ECB2FF**, and **7A49B4** is the 20% darker color. If you saturate the color by 10%, you get **A664ED**, and if you desaturate by 10%, it is **BE94ED**.

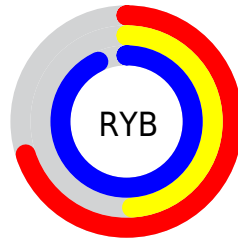
# Distribution



Red (70%)

Green (49%)

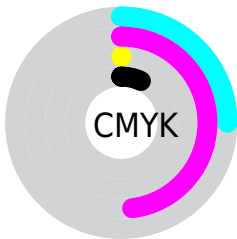
Blue (93%)



Red (70%)

Yellow (49%)

Blue (93%)

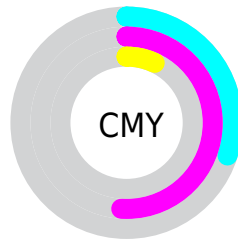


Cyan (25%)

Magenta (48%)

Yellow (0%)

Black (7%)



Cyan (30%)

Magenta (51%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B27CED 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 B27CED by changing the saturation by 10% instead.



 B27CED

 B27CED

FFFFFF

 9662D0

 ECB2FF

 7A49B4

 FFCEFF

 5F3199

 FFEAFF


 44187F

 280065

 0D004D

 000035

 00021F

 000001

 B27CED

 B27CED

 A664ED

 BE94ED

 994DED

 CBABED

 8D35ED

 D7C3ED

 811DED

 E3DBED

 7406ED

 F0F3ED

 7100ED

 FCFFED

 FFFFED

# Harmonies

## Analogous

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



3995FF



B27CED



E963BC

# Triad

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



B27CED



CF841D



00B0A9

# Complementary

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



B27CED



B7ED7C

# 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.



00AE6D



B27CED



9E9906

# Square

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



B27CED



F16C4C



5EA635



00AEDF

# Rectangle

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



B27CED



FA5B96



5EA635



00B095



# Sweetspot

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



B27CED



ECDBFF



7CB8ED



746A80



000000



808080



# Same Dimension

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



B27CED



B36EFF



E97CED



6F6A75



5700B5



1A0036



# Inverse Universe

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



ED7CB7



FF6EBA



80ED7C



756A70



B5005F

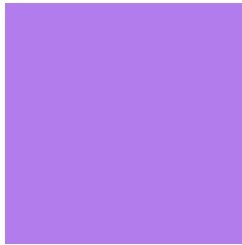


36001C



# Previews

## White Background



This preview shows how the Hex color B27CED looks on a white background.

## Color Contrast Check

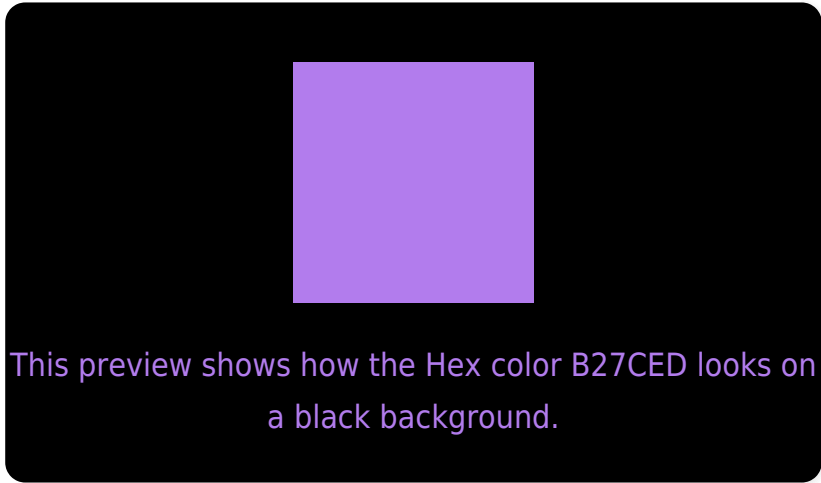
Large Text (above 18pt) WCAG AA ✓ Pass

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

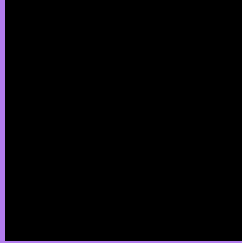
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B27CED Background



This preview shows how black text looks on a background with the Hex color B27CED.

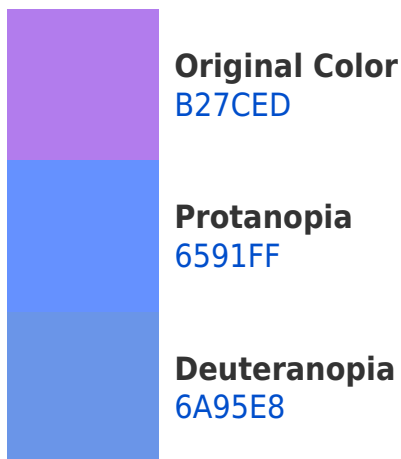


This preview shows how white text looks on a background with the Hex color B27CED.

# 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](#).

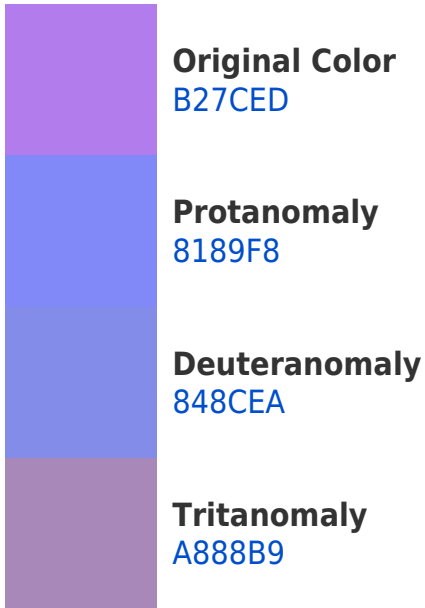
## Dichromacy



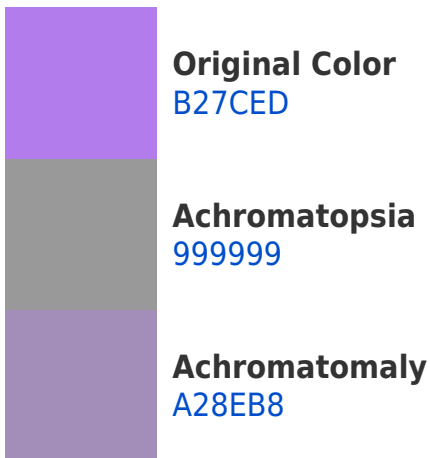


**Tritanopia**  
A38F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B27CED 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 #B27CED looks like.

```
.text, #text, p{  
    color:#B27CED  
}
```

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 #B27CED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B27CED
}
```

## Border

The CSS property to change the border of an element to Hex B27CED 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
#B27CED }
```

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

```
.border{ border-color:#B27CED }
```

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

Here you see how a box with a 4 pixel #B27CED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B27CED; -webkit-box-shadow:4px 4px  
4px 4px #B27CED; box-shadow:4px 4px 4px  
4px #B27CED }
```

# Background

The CSS property to change the background color of an element to Hex B27CED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B27CED }
```

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

```
.background{ background-color:#B27CED }
```

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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