

# Converting Colors

Hex(B57ED6)

Have a look what the booklet for  
Hex(B57ED6) contains.

<b>Hex(B57ED6)</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(B57ED6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B57ED6
RGB	181, 126, 214
RGB Percent	71%, 49%, 84%
CMY	0.2902, 0.5059, 0.1608
CMYK	0.15, 0.41, 0.00, 0.16
HSL	278°, 52%, 67%
HSV	278°, 41%, 84%
XYZ	38.6545, 29.6005, 67.2945
YIQ	152.4770, 4.5320, 39.0280

# Conversions

## Conversions Part 2

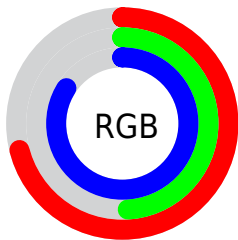
Format	Color
<a href="#">RYB</a>	<a href="#">181, 126, 214</a>
Decimal	<a href="#">11894486</a>
CIELab	<a href="#">61.31, 37.22, -37.07</a>
CIElCh	<a href="#">61, 52.533, 315.116</a>
Yxy	<a href="#">29.6005, 0.2852, 0.2184</a>
Android (android.graphics.Color)	<a href="#">4290084566</a> ( <a href="#">0xFFB57ED6</a> )
YUV	<a href="#">152.4770, 30.3308, 25.0147</a>
Hunter-Lab	<a href="#">54.4063, 31.6092, -35.2506</a>

# Details

The Hex color **B57ED6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **9FD67E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **EEB4FF**, and **7E4B9F** is the 20% darker color. If you saturate the color by 10%, you get **AD69D6**, and if you desaturate by 10%, it is **BD93D6**.

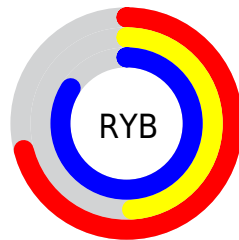
# Distribution



Red (71%)

Green (49%)

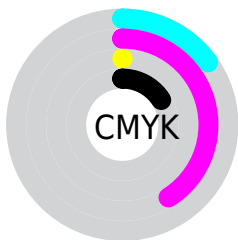
Blue (84%)



Red (71%)

Yellow (49%)

Blue (84%)

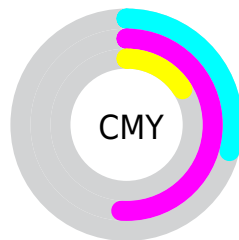


Cyan (15%)

Magenta (41%)

Yellow (0%)

Black (16%)



Cyan (29%)

Magenta (51%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B57ED6 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 B57ED6 by changing the saturation by 10% instead.



 B57ED6

 B57ED6

FFFFFF

 9964BA

 EEB4FF

 7E4B9F

 FFCFFF

 643384

 FFECFF

 4B1B6B

 310152

 1C003B

 000224

 00000C

 000000

 B57ED6

 B57ED6

 AD69D6

 BD93D6

 A553D6

 C5A9D6

 9D3ED6

 CDBED6

 9528D6

 D5D4D6

 8D13D6

 DDE9D6

 8600D6

 E5FED6

 EDFFD6

 F5FFD6

 FDFFD6

# Harmonies

## Analogous

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



6C91EE



B57ED6



DD6EAD

# Triad

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



B57ED6



C18937



00ABAB

# Complementary

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



B57ED6



9FD67E

# 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.



00A97B



B57ED6



979934

# Square

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



B57ED6



DF7854



63A44F



00A8D5

# Rectangle

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



B57ED6



E96A8E



63A44F



00AB9B



# Sweetspot

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



B57ED6



F4E0FF



7EA0D6



796E80



000000



808080



# Same Dimension

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



B57ED6



D082FF



D67ECC



67606B



6B00AB



1B002B



# Inverse Universe

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



D67E9F



FF82B1



7ED688



6B6064



AB0040

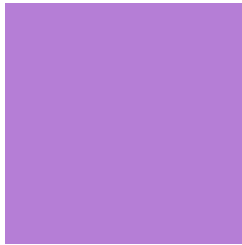


2B0010



# Previews

## White Background



This preview shows how the Hex color B57ED6 looks on a white background.

## Color Contrast Check

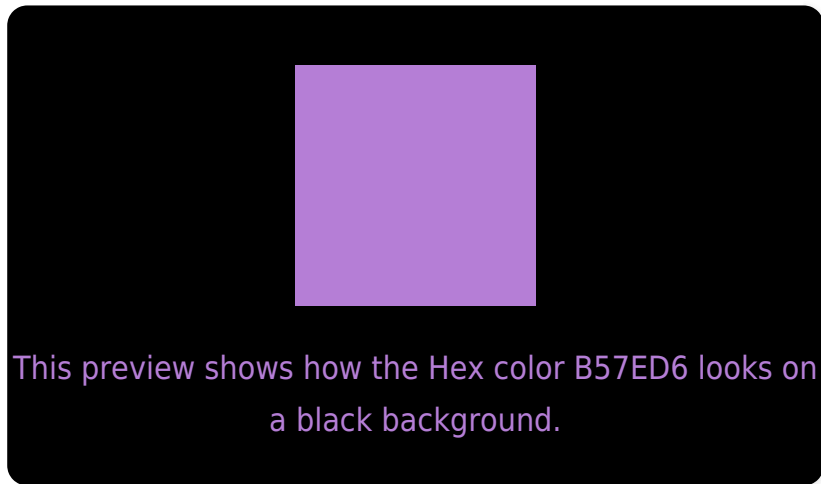
Large Text (above 18pt) WCAG AA ✓ Pass

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

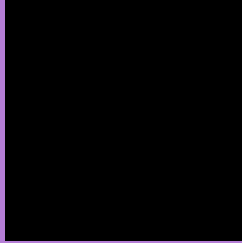
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B57ED6 Background



This preview shows how black text looks on a background with the Hex color B57ED6.

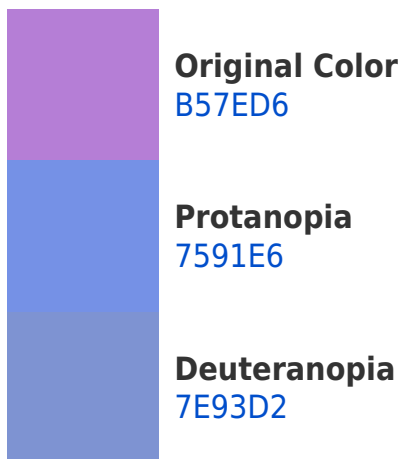


This preview shows how white text looks on a background with the Hex color B57ED6.

# 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**  
AB8C97

# Trichromacy



**Original Color**  
B57ED6



**Protanomaly**  
8C8AE0



**Deuteranomaly**  
928BD3



**Tritanomaly**  
AF87AE

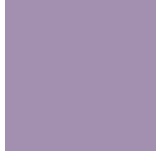
# Monochromacy



**Original Color**  
B57ED6



**Achromatopsia**  
989898



**Achromatomaly**  
A38FAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B57ED6 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 #B57ED6 looks like.

```
.text, #text, p{  
    color:#B57ED6  
}
```

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 #B57ED6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B57ED6
}
```

## Border

The CSS property to change the border of an element to Hex B57ED6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

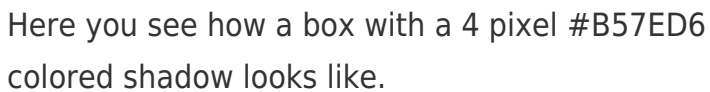
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B57ED6 }
```

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

```
.border{ border-color:#B57ED6 }
```

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



Here you see how a box with a 4 pixel #B57ED6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B57ED6; -webkit-box-shadow:4px 4px  
4px 4px #B57ED6; box-shadow:4px 4px 4px  
4px #B57ED6 }
```

# Background

The CSS property to change the background color of an element to Hex B57ED6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B57ED6 }
```

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

```
.background{ background-color:#B57ED6 }
```

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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