

Converting Colors

Hex(B57EE4)

Have a look what the booklet for
Hex(B57EE4) contains.

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Color

Hex(B57EE4)

Conversions

Conversions Part 1

Format	Color
Hex	B57EE4
RGB	181, 126, 228
RGB Percent	71%, 49%, 89%
CMY	0.2902, 0.5059, 0.1059
CMYK	0.21, 0.45, 0.00, 0.11
HSL	272°, 65%, 69%
HSV	272°, 45%, 89%
XYZ	40.5205, 30.3469, 77.1207
YIQ	154.0730, 0.0380, 43.3820

Conversions

Conversions Part 2

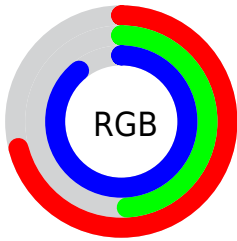
Format	Color
RYB	181, 126, 228
Decimal	11894500
CIELab	61.95, 40.31, -43.88
CIELCh	62, 59.584, 312.574
Yxy	30.3469, 0.2738, 0.2051
Android (android.graphics.Color)	4290084580 (0xFFB57EE4)
YUV	154.0730, 36.4460, 23.6150
Hunter-Lab	55.0880, 34.8933, -44.4416

Details

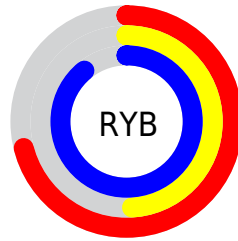
The Hex color **B57EE4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **ADE47E**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **EEB4FF**, and **7E4BAC** is the 20% darker color. If you saturate the color by 10%, you get **AA67E4**, and if you desaturate by 10%, it is **C095E4**.

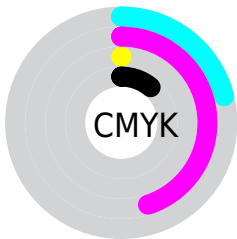
Distribution



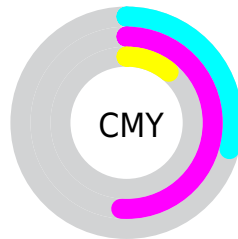
- Red (71%)
- Green (49%)
- Blue (89%)



- Red (71%)
- Yellow (49%)
- Blue (89%)



- Cyan (21%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (51%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B57EE4 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 B57EE4 by changing the saturation by 10% instead.

 B57EE4

 B57EE4

FFFFFF

 9964C8

 EEB4FF

 7E4BAC

 FFD0FF

 633391

 FFECFF

 491A77

 2F005E

 170046

 00002E

 000119

 000000

 B57EE4

 B57EE4

 AA67E4

 C095E4

 A050E4

 CAACE4

 953AE4

 D5C2E4

 8B23E4

 DFD9E4

 800CE4

 EAF0E4

 7B00E4

 F4FFE4

 FFFFE4

Harmonies

Analogous

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



5794FD



B57EE4



E669B7

Triad

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



B57EE4



CA882B



00AFAB

Complementary

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



B57EE4



ADE47E

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.



00AD74



B57EE4



9C9A22

Square

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



B57EE4



EB7350



61A643



00ADDC

Rectangle

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



B57EE4



F46493



61A643



00AF99

Sweetspot

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



B57EE4



F0DEFF



7EAEE4



766B80



000000



808080

Same Dimension

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



B57EE4



C075FF



E47EE1



6D6773



6000B3



1C0033

Inverse Universe

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



E47EAD



FF75B5



7EE481



73676D



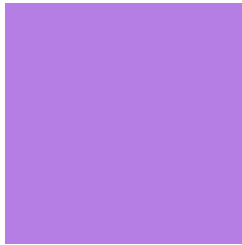
B30052



330018

Previews

White Background



This preview shows how the Hex color B57EE4 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

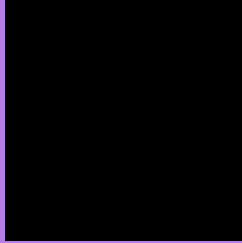
Any Text WCAG AA ✓ Pass

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 B57EE4 Background



This preview shows how black text looks on a background with the Hex color B57EE4.

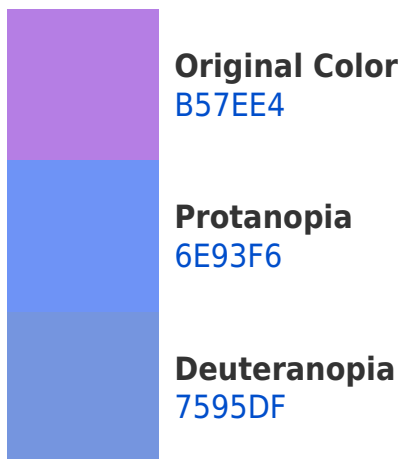


This preview shows how white text looks on a background with the Hex color B57EE4.

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
A98F9A

Trichromacy



Original Color
B57EE4



Protanomaly
888BEF



Deuteranomaly
8C8DE1



Tritanomaly
AD89B5

Monochromacy



Original Color
B57EE4



Achromatopsia
9A9A9A



Achromatomaly
A490B5

CSS Examples

Text

The CSS property to change the color of the text to Hex B57EE4 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 #B57EE4 looks like.

```
.text, #text, p{  
    color:#B57EE4  
}
```

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 #B57EE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B57EE4
}
```

Border

The CSS property to change the border of an element to Hex B57EE4 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
#B57EE4 }
```

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

```
.border{ border-color:#B57EE4 }
```

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

Here you see how a box with a 4 pixel #B57EE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B57EE4; -webkit-box-shadow:4px 4px  
4px 4px #B57EE4; box-shadow:4px 4px 4px  
4px #B57EE4 }
```

Background

The CSS property to change the background color of an element to Hex B57EE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B57EE4 }
```

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

```
.background{ background-color:#B57EE4 }
```

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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