

Converting Colors

Hex(BD56EA)

Have a look what the booklet for
Hex(BD56EA) contains.

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Color

Hex(**BD56EA**)

Conversions

Conversions Part 1

Format	Color
Hex	BD56EA
RGB	189, 86, 234
RGB Percent	74%, 34%, 92%
CMY	0.2588, 0.6627, 0.0824
CMYK	0.19, 0.63, 0.00, 0.08
HSL	282°, 78%, 63%
HSV	282°, 63%, 92%
XYZ	39.1653, 23.4149, 80.2972
YIQ	133.6690, 13.8800, 67.8640

Conversions

Conversions Part 2

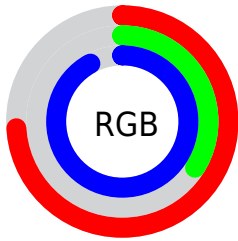
Format	Color
R_{YB}	189, 86, 234
Decimal	12408554
CIE _{Lab}	55.50, 63.89, -57.42
CIE _{LCh}	55, 85.905, 318.053
Yxy	23.4149, 0.2741, 0.1639
Android (android.graphics.Color)	4290598634 (0xFFBD56EA)
YUV	133.6690, 49.4632, 48.5253
Hunter-Lab	48.3890, 59.7947, -64.5142

Details

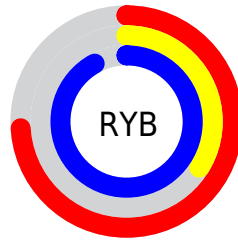
The Hex color **BD56EA** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **83EA56**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **F88DFF**, and **8419B1** is the 20% darker color. If you saturate the color by 10%, you get **B63FEA**, and if you desaturate by 10%, it is **C46DEA**.

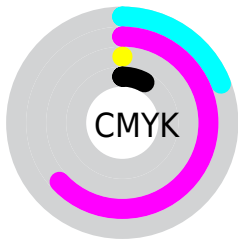
Distribution



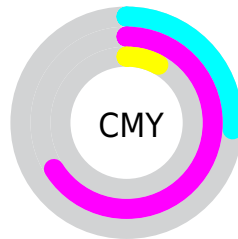
- Red (74%)
- Green (34%)
- Blue (92%)



- Red (74%)
- Yellow (34%)
- Blue (92%)



- Cyan (19%)
- Magenta (63%)
- Yellow (0%)
- Black (8%)



- Cyan (26%)
- Magenta (66%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD56EA 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 BD56EA by changing the saturation by 10% instead.

 BD56EA

 BD56EA

FFFFFF

 A03ACD

 F88DFF

 8419B1

 FFA9FF

 670096

 FFC6FF

 4B007C

 FFE3FF

 2F0062

 0F0049

 000331

 00011B

 000000

 BD56EA

 BD56EA

 B63FEA

 C46DEA

 AF27EA

 CB85EA

 A810EA

 D29CEA

 A300EA

 D9B4EA

 E1CBEA

 E8E2EA

 EFFAEA

 F6FFEA

 FDFFEA

Harmonies

Analogous

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



007FFF



BD56EA



F81AA6

Triad

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



BD56EA



BA7700



00A4B1

Complementary

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



BD56EA



83EA56

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.



00A263



BD56EA



778F00

Square

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



BD56EA



EB500A



009C00



00A2F4

Rectangle

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



BD56EA



FF0074



009C00



00A498

Sweetspot

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



BD56EA



F0CFFF



5685EA



776280



000000



808080

Same Dimension

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



BD56EA



C43DFF



EA56CF



726A75



7E00B5



250036

Inverse Universe

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



EA5683



FF3D78



56EA71



756A6D



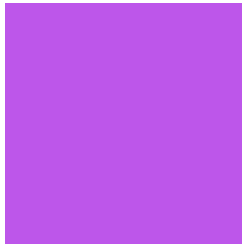
B50037



360010

Previews

White Background



This preview shows how the Hex color BD56EA looks on a white background.

Color Contrast Check

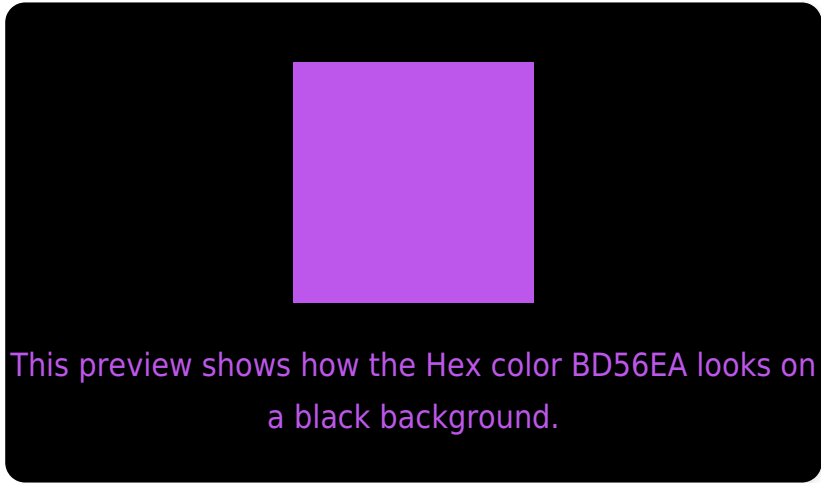
Large Text (above 18pt) WCAG AA ✓ Pass

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

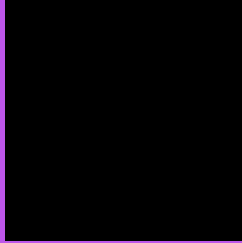
Any Text WCAG AA ✓ Pass

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 BD56EA Background



This preview shows how black text looks on a background with the Hex color BD56EA.

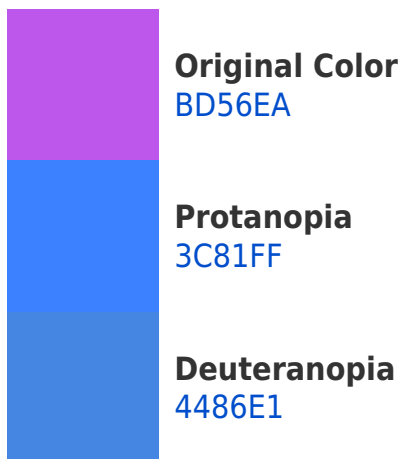


This preview shows how white text looks on a background with the Hex color BD56EA.

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](#).

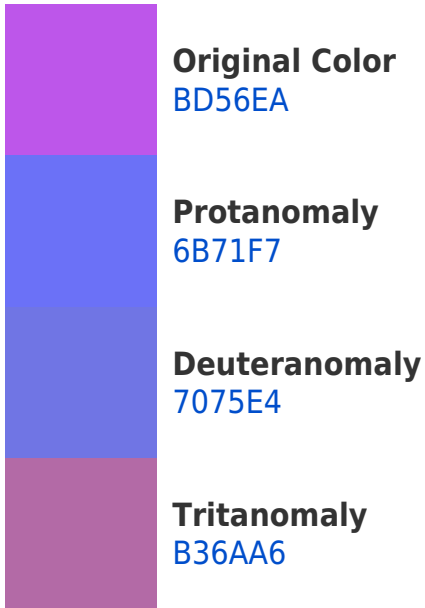
Dichromacy



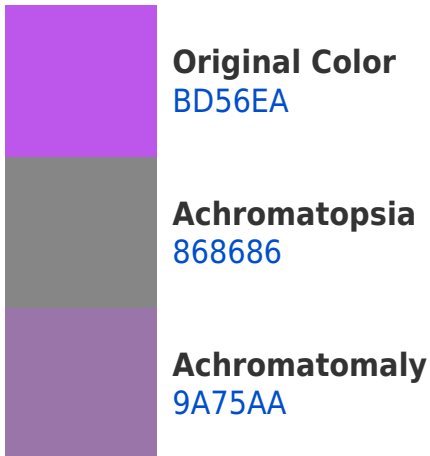


Tritanopia
AD767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD56EA 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 #BD56EA looks like.

```
.text, #text, p{  
    color:#BD56EA  
}
```

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 #BD56EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD56EA
}
```

Border

The CSS property to change the border of an element to Hex BD56EA 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
#BD56EA }
```

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

```
.border{ border-color:#BD56EA }
```

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

Here you see how a box with a 4 pixel #BD56EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD56EA; -webkit-box-shadow:4px 4px  
4px 4px #BD56EA; box-shadow:4px 4px 4px  
4px #BD56EA }
```

Background

The CSS property to change the background color of an element to Hex BD56EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD56EA }
```

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

```
.background{ background-color:#BD56EA }
```

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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