

Converting Colors

Hex(BD55B0)

Have a look what the booklet for
Hex(BD55B0) contains.

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Color

Hex(BD55B0)

Conversions

Conversions Part 1

Format	Color
Hex	BD55B0
RGB	189, 85, 176
RGB Percent	74%, 33%, 69%
CMY	0.2588, 0.6667, 0.3098
CMYK	0.00, 0.55, 0.07, 0.26
HSL	308°, 44%, 54%
HSV	308°, 55%, 74%
XYZ	32.0712, 20.4504, 43.3313
YIQ	126.4700, 32.7730, 50.3490

Conversions

Conversions Part 2

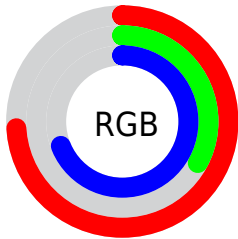
Format	Color
R _Y B	189, 85, 176
Decimal	12408240
CIE Lab	52.34, 53.51, -29.28
CIE LCh	52, 60.999, 331.316
Yxy	20.4504, 0.3346, 0.2134
Android (android.graphics.Color)	4290598320 (0xFFBD55B0)
YUV	126.4700, 24.4183, 54.8388
Hunter-Lab	45.2221, 47.4523, -25.1555

Details

The Hex color **BD55B0** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **55BD62**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **F78BE8**, and **851C7B** is the 20% darker color. If you saturate the color by 10%, you get **BD42AE**, and if you desaturate by 10%, it is **BD68B2**.

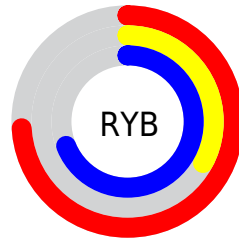
Distribution



Red (74%)

Green (33%)

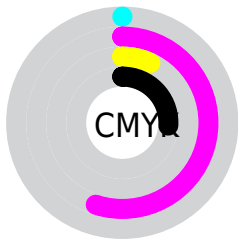
Blue (69%)



Red (74%)

Yellow (33%)

Blue (69%)

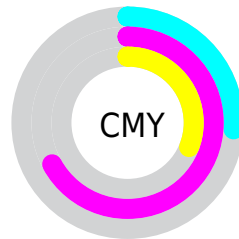


Cyan (0%)

Magenta (55%)

Yellow (7%)

Black (26%)



Cyan (26%)

Magenta (67%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD55B0 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 BD55B0 by changing the saturation by 10% instead.

 BD55B0

 BD55B0

FFFFFF

 A13A95

 F78BE8

 851C7B

 FFA7FF

 6A0062

 FFC3FF

 4F004A

 FFE0FF

 370033

 FFFDFD

 1A001D

 000000

 BD55B0

 BD55B0

 BD42AE

 BD68B2

 BD2FAB

 BD7BB5

 BD1CA9

 BD8EB7

 BD09A7

 BDA1B9

 BD00A5

 BDB3BC

 BDC6BE

 BDD9C1

 BDECC3

 BDFFC5

Harmonies

Analogous

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



7E6ED7



BD55B0



D8467D

Triad

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



BD55B0



947B00



0094B2

Complementary

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



BD55B0



55BD62

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.



00957E



BD55B0



5F8914

Square

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



BD55B0



BC671B



009148



008FD8

Rectangle

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



BD55B0



D94A5A



009148



0095A1

Sweetspot

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



BD55B0



F5CBF0



6155BD



7A6277



FAFAFA



7A7A7A

Same Dimension

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



BD55B0



F553E1



BD557D



5E555D



9E008A



1F001B

Inverse Universe

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



BD55B0



F553E1



55BD95



5E555D



9E008A



1F001B

Previews

White Background



This preview shows how the Hex color BD55B0 looks on a white background.

Color Contrast Check

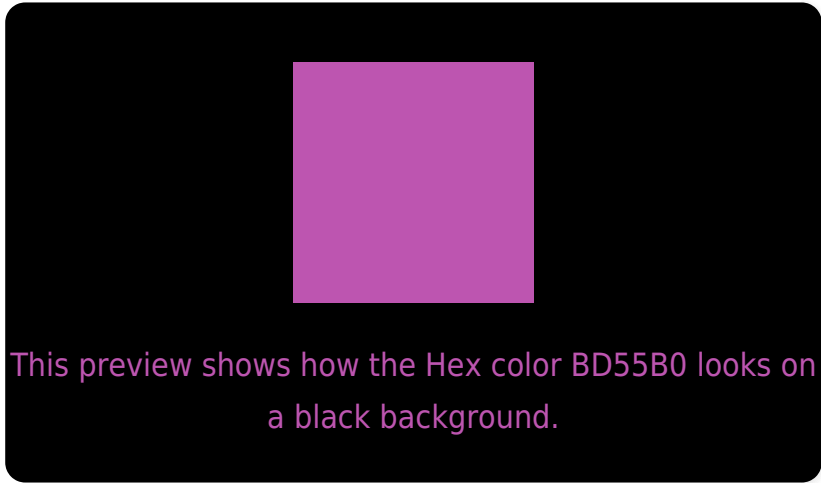
Large Text (above 18pt) WCAG AA ✓ Pass

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

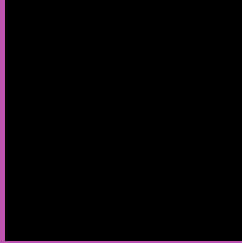
Any Text WCAG AA ✓ Pass

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 BD55B0 Background



This preview shows how black text looks on a background with the Hex color BD55B0.

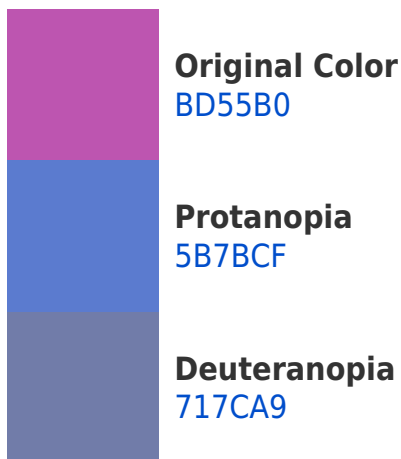



This preview shows how white text looks on a background with the Hex color BD55B0.

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
B5666D

Trichromacy



Original Color
BD55B0



Protanomaly
7F6DC4



Deuteranomaly
8D6EAC



Tritanomaly
B86085

Monochromacy



Original Color
BD55B0



Achromatopsia
7E7E7E



Achromatomaly
956F90

CSS Examples

Text

The CSS property to change the color of the text to Hex BD55B0 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 #BD55B0 looks like.

```
.text, #text, p{  
    color:#BD55B0  
}
```

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 #BD55B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD55B0
}
```

Border

The CSS property to change the border of an element to Hex BD55B0 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
#BD55B0 }
```

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

```
.border{ border-color:#BD55B0 }
```

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

Here you see how a box with a 4 pixel #BD55B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD55B0; -webkit-box-shadow:4px 4px  
4px 4px #BD55B0; box-shadow:4px 4px 4px  
4px #BD55B0 }
```

Background

The CSS property to change the background color of an element to Hex BD55B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD55B0 }
```

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

```
.background{ background-color:#BD55B0 }
```

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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