

Converting Colors

Hex(B00BA5)

Have a look what the booklet for
Hex(B00BA5) contains.

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Color

Hex(**B00BA5**)

Conversions

Conversions Part 1

Format	Color
Hex	B00BA5
RGB	176, 11, 165
RGB Percent	69%, 4%, 65%
CMY	0.3098, 0.9569, 0.3529
CMYK	0.00, 0.94, 0.06, 0.31
HSL	304°, 88%, 37%
HSV	304°, 94%, 69%
XYZ	24.8157, 12.1861, 36.6415
YIQ	77.8910, 48.9060, 82.8740

Conversions

Conversions Part 2

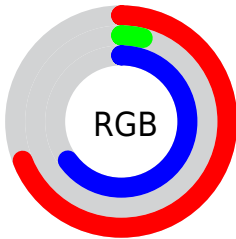
Format	Color
R_{YB}	176, 11, 165
Decimal	11537317
CIE _{Lab}	41.51, 71.68, -39.96
CIE _{LCh}	42, 82.065, 330.863
Yxy	12.1861, 0.3370, 0.1655
Android (android.graphics.Color)	4289727397 (0xFFB00BA5)
YUV	77.8910, 42.9447, 86.0416
Hunter-Lab	34.9085, 65.8017, -37.7974

Details

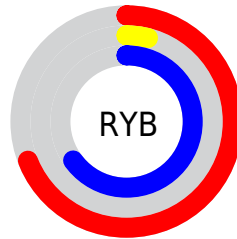
The Hex color **B00BA5** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0BB016**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **EB58DD**, and **770070** is the 20% darker color. If you saturate the color by 10%, you get **B000A4**, and if you desaturate by 10%, it is **B01DA6**.

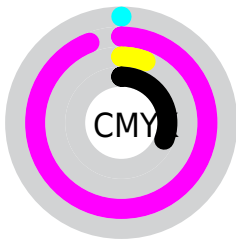
Distribution



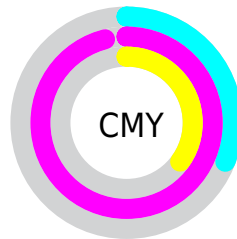
- Red (69%)
- Green (4%)
- Blue (65%)



- Red (69%)
- Yellow (4%)
- Blue (65%)



- Cyan (0%)
- Magenta (94%)
- Yellow (6%)
- Black (31%)



- Cyan (31%)
- Magenta (96%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B00BA5 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 B00BA5 by changing the saturation by 10% instead.

 B00BA5

 B00BA5

FFFFFF

 93008A

 EB58DD

 770070

 FF75F9

 5B0057

 FF92FF

 410040

 FFAFFF

 240029

 FFC0FF

 000112

 FFEAFF

 000000

 B00BA5

 B00BA5

 B000A4

 B01DA6

 B02EA7

 B040A9

 B051AA

 B063AB

 B075AC

 B086AD

 B098AE

 B0A9B0

Harmonies

Analogous

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



514ED8



B00BA5



D00063

Triad

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



B00BA5



766000



007DA6

Complementary

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



B00BA5



0BB016

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.



007C62



B00BA5



2E7100

Square

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



B00BA5



AA4100



007815



0079D9

Rectangle

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



B00BA5



D00037



007815



007D91

Sweetspot

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



B00BA5



E6A5E1



160BB0



734C70



F2F2F2



737373

Same Dimension

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



B00BA5



E600D6



B00B53



595059



99008F



1A0018

Inverse Universe

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



B00BA5



E600D6



0BB068



595059



99008F



1A0018

Previews

White Background



This preview shows how the Hex color B00BA5 looks on a white background.

Color Contrast Check

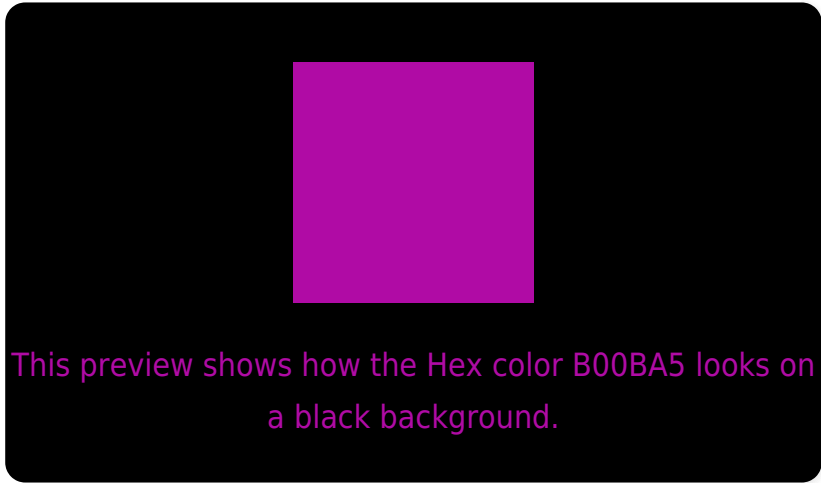
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

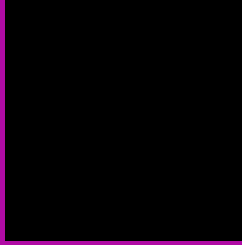
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex B00BA5 Background



This preview shows how black text looks on a background with the Hex color B00BA5.

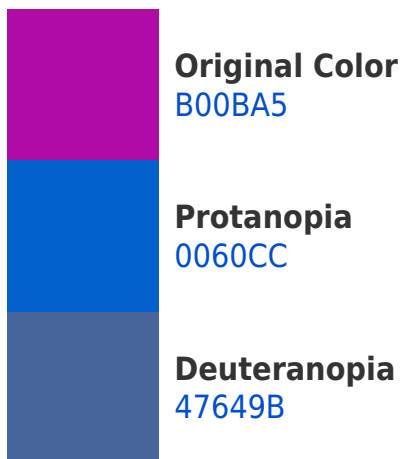


This preview shows how white text looks on a background with the Hex color B00BA5.

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
A64145

Trichromacy



Original Color
B00BA5



Protanomaly
4041BE



Deuteranomaly
6D449F



Tritanomaly
AA2D68

Monochromacy



Original Color
B00BA5



Achromatopsia
4E4E4E



Achromatomaly
72366E

CSS Examples

Text

The CSS property to change the color of the text to Hex B00BA5 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 #B00BA5 looks like.

```
.text, #text, p{  
    color:#B00BA5  
}
```

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 #B00BA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B00BA5
}
```

Border

The CSS property to change the border of an element to Hex B00BA5 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
#B00BA5 }
```

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

```
.border{ border-color:#B00BA5 }
```

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

Here you see how a box with a 4 pixel #B00BA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B00BA5; -webkit-box-shadow:4px 4px  
4px 4px #B00BA5; box-shadow:4px 4px 4px  
4px #B00BA5 }
```

Background

The CSS property to change the background color of an element to Hex B00BA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B00BA5 }
```

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

```
.background{ background-color:#B00BA5 }
```

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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