

# Converting Colors

Hex(B006A5)

Have a look what the booklet for  
Hex(B006A5) contains.

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**Color**

**Hex(B006A5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B006A5
RGB	176, 6, 165
RGB Percent	69%, 2%, 65%
CMY	0.3098, 0.9765, 0.3529
CMYK	0.00, 0.97, 0.06, 0.31
HSL	304°, 93%, 36%
HSV	304°, 97%, 69%
XYZ	24.7612, 12.0770, 36.6233
YIQ	74.9560, 50.2810, 85.4890

# Conversions

## Conversions Part 2

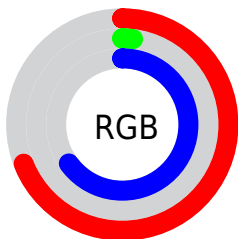
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 6, 165
Decimal	11536037
CIELab	41.34, 72.19, -40.23
CIELCh	41, 82.642, 330.869
Yxy	12.0770, 0.3371, 0.1644
Android (android.graphics.Color)	4289726117 (0xFFB006A5)
YUV	74.9560, 44.3917, 88.6156
Hunter-Lab	34.7519, 66.3674, -38.1564

# Details

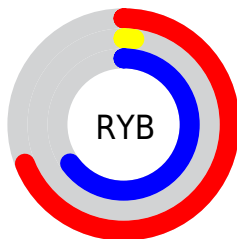
The Hex color **B006A5** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **06B011**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **EB56DD**, and **770070** is the 20% darker color. If you saturate the color by 10%, you get **B000A5**, and if you desaturate by 10%, it is **B018A6**.

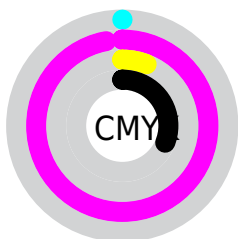
# Distribution



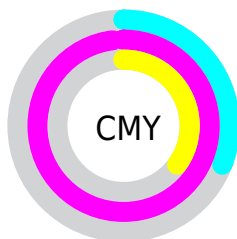
- Red (69%)
- Green (2%)
- Blue (65%)



- Red (69%)
- Yellow (2%)
- Blue (65%)



- Cyan (0%)
- Magenta (97%)
- Yellow (6%)
- Black (31%)



- Cyan (31%)
- Magenta (98%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B006A5 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 B006A5 by changing the saturation by 10% instead.



 B006A5

 B006A5

FFFFFF

 93008A

 EB56DD

 770070

 FF74F9

 5B0057

 FF91FF

 410040

 FFAEFF

 240029

 FFCBFF

 000112

 FFE9FF

 000000

 B006A5

 B006A5

 B000A5

 B018A6

 B029A7


 B03BA8

 B04CAA

 B05EAB

 B070AC

 B081AD

 B093AE

 B0A4AF

# Harmonies

## Analogous

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



504ED8



B006A5



D10063

# Triad

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



B006A5



766000



007CA6

# Complementary

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



B006A5



06B011

# 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.



007B62



B006A5



2D7000

# Square

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



B006A5



A94000



007813



0079DA

# Rectangle

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



B006A5



D00037



007813



007C91



# Sweetspot

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



B006A5



E6A3E1



0F06B0



734B70



F2F2F2



737373



# Same Dimension

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



B006A5



E600D7



B00652



595059



99008F



1A0018



# Inverse Universe

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



B006A5



E600D7



06B063



595059



99008F



1A0018



# Previews

## White Background



This preview shows how the Hex color B006A5 looks on a white background.

## Color Contrast Check

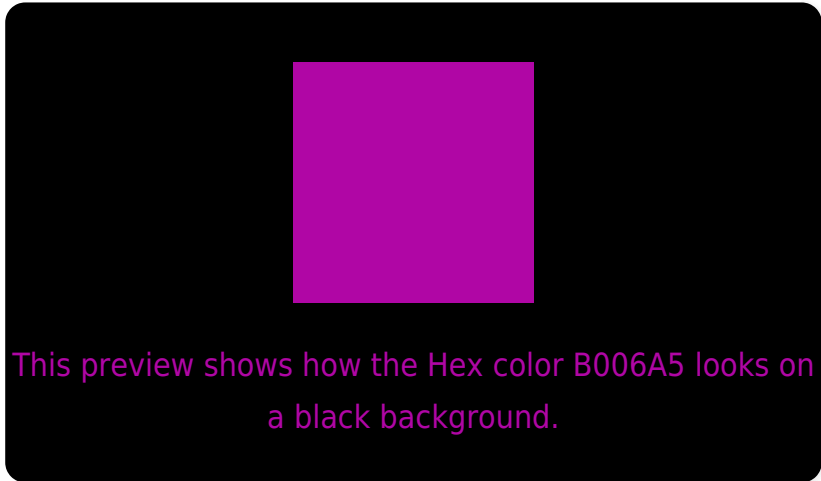
Large Text (above 18pt) WCAG AA ✓ Pass

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

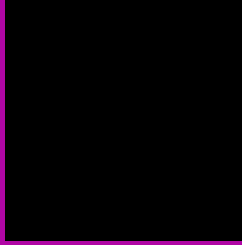
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B006A5 Background



This preview shows how black text looks on a background with the Hex color B006A5.



This preview shows how white text looks on a background with the Hex color B006A5.

# 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**  
B006A5



**Protanomaly**  
403FBD



**Deuteranomaly**  
6D419F



**Tritanomaly**  
AA2C68

# Monochromacy



**Original Color**  
B006A5



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
70326C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B006A5 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 #B006A5 looks like.

```
.text, #text, p{  
    color:#B006A5  
}
```

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 #B006A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B006A5
}
```

## Border

The CSS property to change the border of an element to Hex B006A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

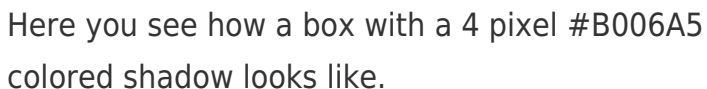
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B006A5 }
```

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

```
.border{ border-color:#B006A5 }
```

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



Here you see how a box with a 4 pixel #B006A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B006A5; -webkit-box-shadow:4px 4px  
4px 4px #B006A5; box-shadow:4px 4px 4px  
4px #B006A5 }
```

# Background

The CSS property to change the background color of an element to Hex B006A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B006A5 }
```

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

```
.background{ background-color:#B006A5 }
```

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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