

# Converting Colors

Hex(B3005F)

Have a look what the booklet for  
Hex(B3005F) contains.

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# Color

Hex(B3005F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B3005F
RGB	179, 0, 95
RGB Percent	70%, 0%, 37%
CMY	0.2980, 1.0000, 0.6275
CMYK	0.00, 1.00, 0.47, 0.30
HSL	328°, 100%, 35%
HSV	328°, 100%, 70%
XYZ	20.6560, 10.4099, 11.7471
YIQ	64.3510, 76.1890, 67.4930

# Conversions

## Conversions Part 2

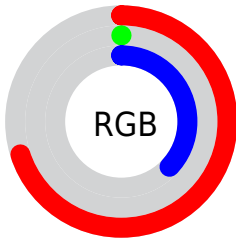
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 0, 95
Decimal	11731039
CIE <sub>Lab</sub>	38.57, 65.40, -1.13
CIE <sub>LCh</sub>	39, 65.413, 359.012
Yxy	10.4099, 0.4825, 0.2431
Android (android.graphics.Color)	4289921119 (0xFFB3005F)
YUV	64.3510, 15.1100, 100.5472
Hunter-Lab	32.2644, 57.8145, 0.9983

# Details

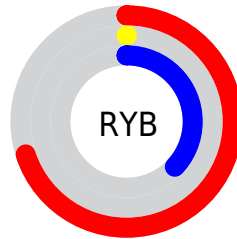
The Hex color **B3005F** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **00B354**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **F05291**, and **780031** is the 20% darker color. If you saturate the color by 10%, you get **B3005F**, and if you desaturate by 10%, it is **B31267**.

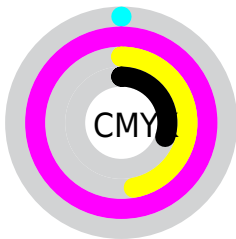
# Distribution



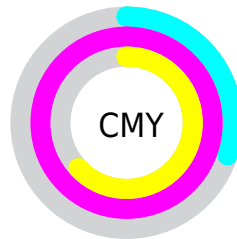
- Red (70%)
- Green (0%)
- Blue (37%)



- Red (70%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (30%)



- Cyan (30%)
- Magenta (100%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3005F 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 B3005F by changing the saturation by 10% instead.



 B3005F

 B3005F

FFFFFF

 950047

 F05291

 780031

 FF6FAC

 5B001D

 FF8CC7

 400003

 FFA9E3

 1E0001

 FFC6FF

 000000

 FFE3FF

 B3005F

 B31267

 B32470

 B33678

 B34881

 B35A89

 B36B91

 B37D9A

 B38FA2

 B3A1AB

# Harmonies

## Analogous

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



972C92



B3005F



B11D2B

# Triad

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



B3005F



3B6600



006DB6

# Complementary

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



B3005F



00B354

# 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.



00718D



B3005F



006D1E

# Square

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



B3005F



715800



007157



0063C6

# Rectangle

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



B3005F



A33602



007157



006FAB



# Sweetspot

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



B3005F



E8A2C7



5400B3



754B61



F5F5F5



757575



# Same Dimension

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



B3005F



E8007B



B30006



595055



990051



1A000E



# Inverse Universe

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



B3005F



E8007B



00B3AD



595055



990051



1A000E



# Previews

## White Background



This preview shows how the Hex color B3005F looks on a white background.

## Color Contrast Check

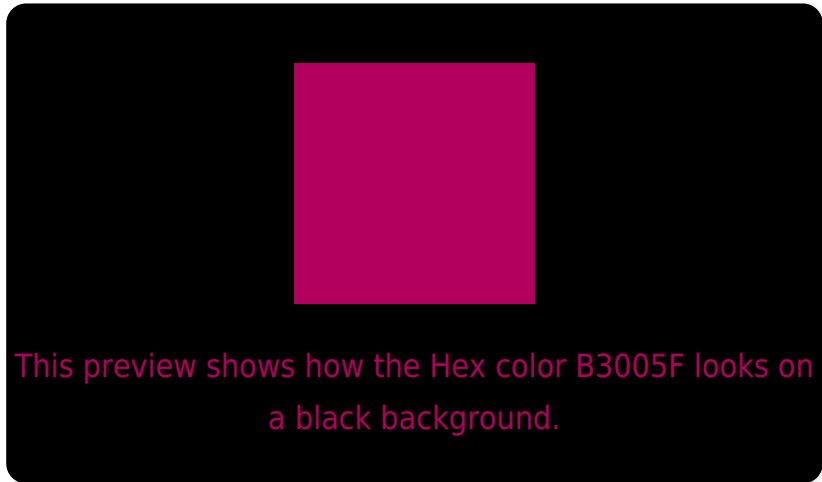
Large Text (above 18pt) WCAG AA ✓ Pass

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 B3005F Background



This preview shows how black text looks on a background with the Hex color B3005F.



This preview shows how white text looks on a background with the Hex color B3005F.

# 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





# Trichromacy



**Original Color**  
B3005F



**Protanomaly**  
733B7A



**Deuteranomaly**  
84395A



**Tritanomaly**  
B1183B

# Monochromacy



**Original Color**  
B3005F



**Achromatopsia**  
404040



**Achromatomaly**  
6A294B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3005F 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 #B3005F looks like.

```
.text, #text, p{  
    color:#B3005F  
}
```

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 #B3005F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3005F
}
```

## Border

The CSS property to change the border of an element to Hex B3005F is called "border". The border property can be set on classes, ids or directly on the HTML element.

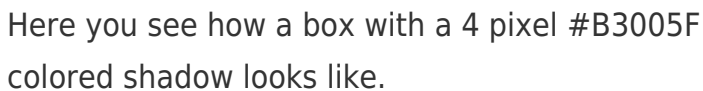
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3005F }
```

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

```
.border{ border-color:#B3005F }
```

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



Here you see how a box with a 4 pixel #B3005F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3005F; -webkit-box-shadow:4px 4px  
4px 4px #B3005F; box-shadow:4px 4px 4px  
4px #B3005F }
```

# Background

The CSS property to change the background color of an element to Hex B3005F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3005F }
```

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

```
.background{ background-color:#B3005F }
```

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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