

# Converting Colors

Hex(BF005A)

Have a look what the booklet for  
Hex(BF005A) contains.

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# Color

**Hex(BF005A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF005A
RGB	191, 0, 90
RGB Percent	75%, 0%, 35%
CMY	0.2510, 1.0000, 0.6471
CMYK	0.00, 1.00, 0.53, 0.25
HSL	332°, 100%, 37%
HSV	332°, 100%, 75%
XYZ	23.3313, 11.8146, 10.7236
YIQ	67.3690, 84.9460, 68.4820

# Conversions

## Conversions Part 2

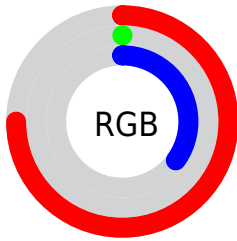
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	191, 0, 90
Decimal	12517466
CIE <sub>Lab</sub>	40.92, 67.72, 5.78
CIE <sub>LCh</sub>	41, 67.968, 4.875
Yxy	11.8146, 0.5086, 0.2576
Android (android.graphics.Color)	4290707546 (0xFFBF005A)
YUV	67.3690, 11.1571, 108.4244
Hunter-Lab	34.3723, 61.0112, 5.5631

# Details

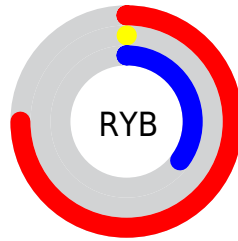
The Hex color **BF005A** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **00BF65**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FD548C**, and **82002D** is the 20% darker color. If you saturate the color by 10%, you get **BF005A**, and if you desaturate by 10%, it is **BF1364**.

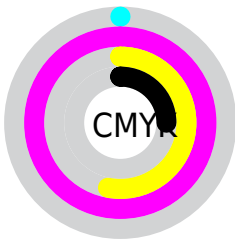
# Distribution



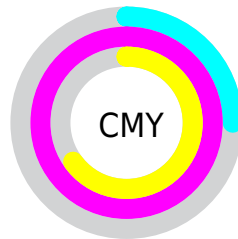
- Red (75%)
- Green (0%)
- Blue (35%)



- Red (75%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF005A 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 BF005A by changing the saturation by 10% instead.



 BF005A

 BF005A

FFFFFF

 A10043

 FD548C

 82002D

 FF72A6

 650019

 FF8FC1

 490003

 FFACDD

 290001

 FFC9F9

 000000

 FFE7FF

 BF005A

 BF1364

 BF266E

 BF3978

 BF4C82

 BF608D

 BF7397

 BF86A1

 BF99AB

 BFACB5

# Harmonies

## Analogous

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



A82791



BF005A



B82824

# Triad

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



BF005A



316E00



0073C6

# Complementary

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



BF005A



00BF65

# 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.



00779F



BF005A



00752D

# Square

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



BF005A



6E6100



007868



0065D1

# Rectangle

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



BF005A



A64100



007868



0075BC



# Sweetspot

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



BF005A



F7ADD0



6300BF



7D5065



FCFCFC



7D7D7D



# Same Dimension

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



BF005A



F70075



BF0300



5E5559



9E004A



1F000E



# Inverse Universe

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



BF005A



F70075



00BCBF



5E5559



9E004A



1F000E



# Previews

## White Background



This preview shows how the Hex color BF005A looks on a white background.

## Color Contrast Check

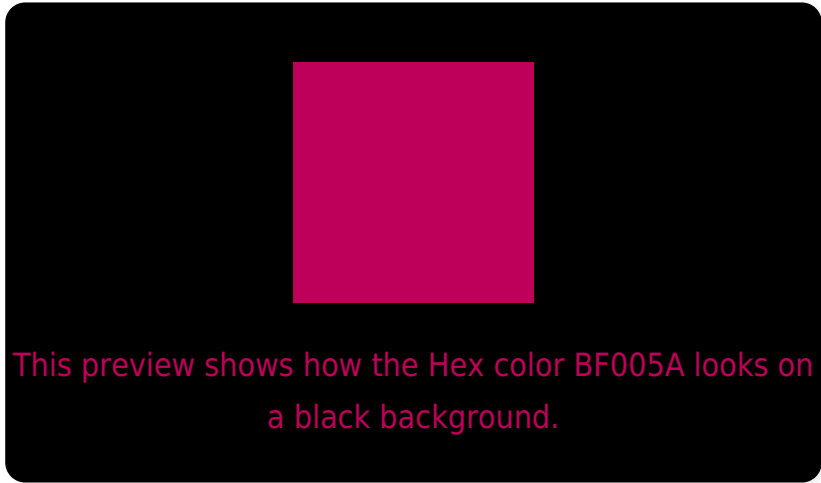
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF005A Background



This preview shows how black text looks on a background with the Hex color BF005A.

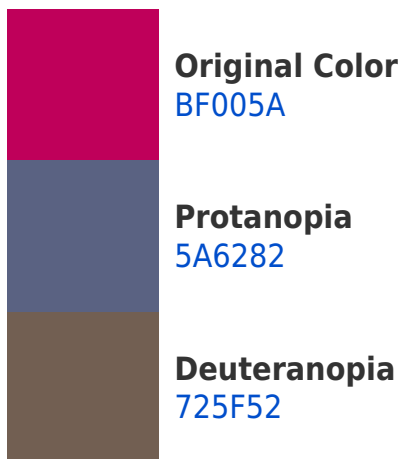


This preview shows how white text looks on a background with the Hex color BF005A.

# 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**  
BF005A



**Protanomaly**  
7F3E73



**Deuteranomaly**  
8E3C55



**Tritanomaly**  
BE1737

# Monochromacy



**Original Color**  
BF005A



**Achromatopsia**  
434343



**Achromatomaly**  
702B4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF005A 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 #BF005A looks like.

```
.text, #text, p{  
    color:#BF005A  
}
```

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 #BF005A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF005A
}
```

## Border

The CSS property to change the border of an element to Hex BF005A 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
#BF005A }
```

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

```
.border{ border-color:#BF005A }
```

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

Here you see how a box with a 4 pixel #BF005A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF005A; -webkit-box-shadow:4px 4px  
4px 4px #BF005A; box-shadow:4px 4px 4px  
4px #BF005A }
```

# Background

The CSS property to change the background color of an element to Hex BF005A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF005A }
```

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

```
.background{ background-color:#BF005A }
```

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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