

# Converting Colors

Hex(B5002F)

Have a look what the booklet for  
Hex(B5002F) contains.

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**Color**

**Hex(B5002F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5002F
RGB	181, 0, 47
RGB Percent	71%, 0%, 18%
CMY	0.2902, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.74, 0.29
HSL	344°, 100%, 35%
HSV	344°, 100%, 71%
XYZ	19.5691, 10.0290, 3.5937
YIQ	59.4770, 92.7890, 52.9890

# Conversions

## Conversions Part 2

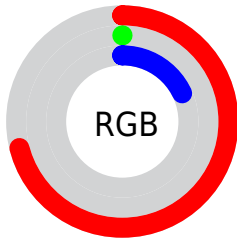
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 0, 47
Decimal	11862063
CIE <sub>Lab</sub>	37.89, 62.94, 28.77
CIE <sub>LCh</sub>	38, 69.203, 24.563
Yxy	10.0290, 0.5896, 0.3022
Android (android.graphics.Color)	4290052143 (0xFFB5002F)
YUV	59.4770, -6.1512, 106.5757
Hunter-Lab	31.6686, 54.8815, 15.4399

# Details

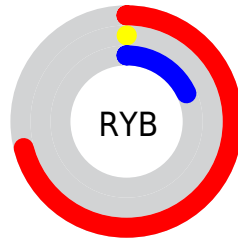
The Hex color **B5002F** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **00B586**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **F4515D**, and **770001** is the 20% darker color. If you saturate the color by 10%, you get **B5002F**, and if you desaturate by 10%, it is **B5123C**.

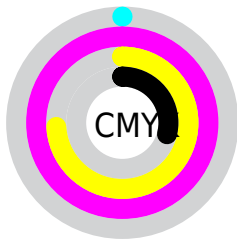
# Distribution



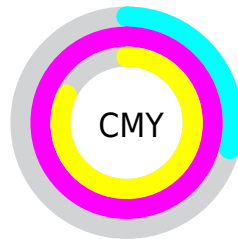
- Red (71%)
- Green (0%)
- Blue (18%)



- Red (71%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5002F 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 B5002F by changing the saturation by 10% instead.



 B5002F

 B5002F

FFFFFF

 96001A

 F4515D

 770001

 FF6E75

 590001

 FF8A8F

 3C0003

 FFA7A9

 170000

 FFC4C5

 000000

 FFE1E1

FFFFFFD

 B5002F

 B5123C

 B5244A

 B53657

 B54865

 B55B72

 B56D7F

 B57F8D

 B5919A

 B5A3A8

# Harmonies

## Analogous

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



B30066



B5002F



9E3800

# Triad

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



B5002F



006C0A



0064CB

# Complementary

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



B5002F



00B586

# 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.



006EB5



B5002F



006F4D

# Square

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



B5002F



416300



007087



2E4FC1

# Rectangle

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



B5002F



854C00



007087



0068C7



# Sweetspot

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



B5002F



EBA4B6



8500B5



754B56



F5F5F5



757575



# Same Dimension

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



B5002F



EB003D



B52A00



595053



990028



1A0007



# Inverse Universe

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



B5002F



EB003D



008BB5



595053



990028



1A0007



# Previews

## White Background



This preview shows how the Hex color B5002F looks on a white background.

## Color Contrast Check

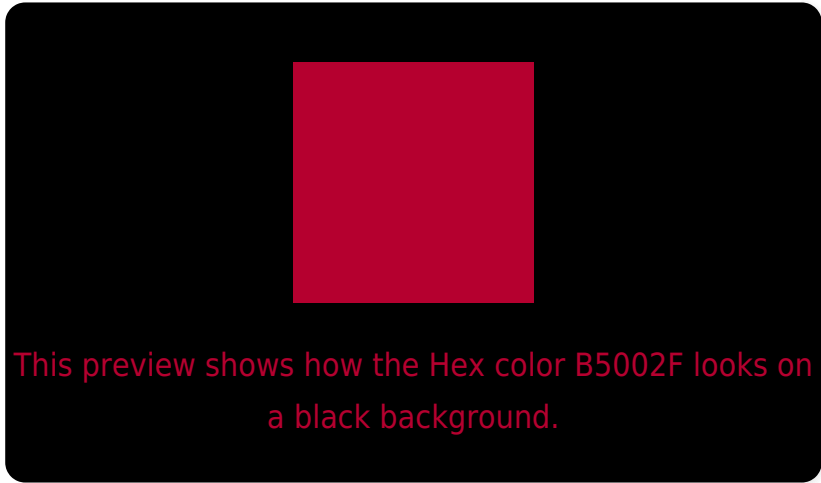
Large Text (above 18pt) WCAG AA ✓ Pass

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 B5002F Background



This preview shows how black text looks on a background with the Hex color B5002F.



This preview shows how white text looks on a background with the Hex color B5002F.

# 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**  
B5002F

**Protanomaly**  
803B3E

**Deuteranomaly**  
8A3729

**Tritanomaly**  
B40C19

# Monochromacy



**Original Color**  
B5002F

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
672637

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5002F 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 #B5002F looks like.

```
.text, #text, p{  
  color:#B5002F  
}
```

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 #B5002F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5002F }  
}
```

## Border

The CSS property to change the border of an element to Hex B5002F is called "border". The border property can be set on classes, ids or directly on the HTML element.

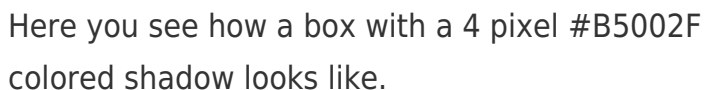
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B5002F }  
}
```

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

```
.border{ border-color:#B5002F }
```

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



Here you see how a box with a 4 pixel #B5002F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5002F; -webkit-box-shadow:4px 4px  
4px 4px #B5002F; box-shadow:4px 4px 4px  
4px #B5002F }
```

# Background

The CSS property to change the background color of an element to Hex B5002F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5002F }
```

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

```
.background{ background-color:#B5002F }
```

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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