

# Converting Colors

Hex(BF0827)

Have a look what the booklet for  
Hex(BF0827) contains.

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# Color

**Hex(BF0827)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF0827
RGB	191, 8, 39
RGB Percent	75%, 3%, 15%
CMY	0.2510, 0.9686, 0.8471
CMYK	0.00, 0.96, 0.80, 0.25
HSL	350°, 92%, 39%
HSV	350°, 96%, 75%
XYZ	21.9389, 11.3965, 2.9629
YIQ	66.2510, 99.1170, 48.4370

# Conversions

## Conversions Part 2

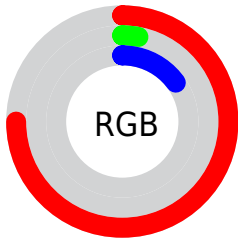
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 8, 39
Decimal	12519463
CIELab	40.24, 64.29, 36.81
CIELCh	40, 74.086, 29.792
Yxy	11.3965, 0.6044, 0.3140
Android (android.graphics.Color)	4290709543 (0xFFBF0827)
YUV	66.2510, -13.4347, 109.4049
Hunter-Lab	33.7587, 56.9246, 18.4274

# Details

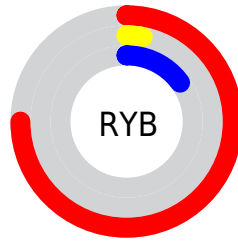
The Hex color **BF0827** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **08BFA0**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **FF5554**, and **800000** is the 20% darker color. If you saturate the color by 10%, you get **BF0020**, and if you desaturate by 10%, it is **BF1B37**.

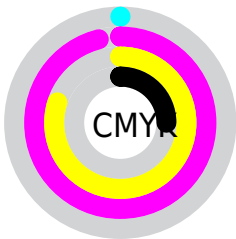
# Distribution



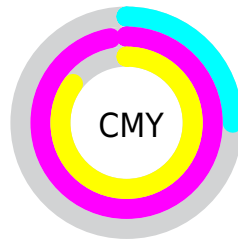
- Red (75%)
- Green (3%)
- Blue (15%)



- Red (75%)
- Yellow (3%)
- Blue (15%)



- Cyan (0%)
- Magenta (96%)
- Yellow (80%)
- Black (25%)



- Cyan (25%)
- Magenta (97%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF0827 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 BF0827 by changing the saturation by 10% instead.



 BF0827

 BF0827

FFFFFF

 9F0012

 FF5554

 800000

 FF726D

 610000

 FF8F86

 450003

 FFABA1

 240001

 FFC9BC

 000000

 FFE6D8

 FFFFF4

 BF0827

 BF0827

 BF0020

 BF1B37

 BF2E47

 BF4157

 BF5466

 BF6876

 BF7B86

 BF8E96

 BFA1A6

 BFB4B6

# Harmonies

## Analogous

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



C30062



BF0827



A24100

# Triad

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



BF0827



007419



0068DA

# Complementary

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



BF0827



08BFA0

# 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.



0074C8



BF0827



00775D

# Square

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



BF0827



366C00



00779A



4E4ECA

# Rectangle

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



BF0827



855500



00779A



006DD8



# Sweetspot

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



BF0827



F7B0BC



9D08BF



7D5159



FCFCFC



7D7D7D



# Same Dimension

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



BF0827



F7002A



BF4208



5E5557



9E001B



1F0005



# Inverse Universe

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



BF0827



F7002A



0885BF



5E5557



9E001B



1F0005



# Previews

## White Background



This preview shows how the Hex color BF0827 looks on a white background.

## Color Contrast Check

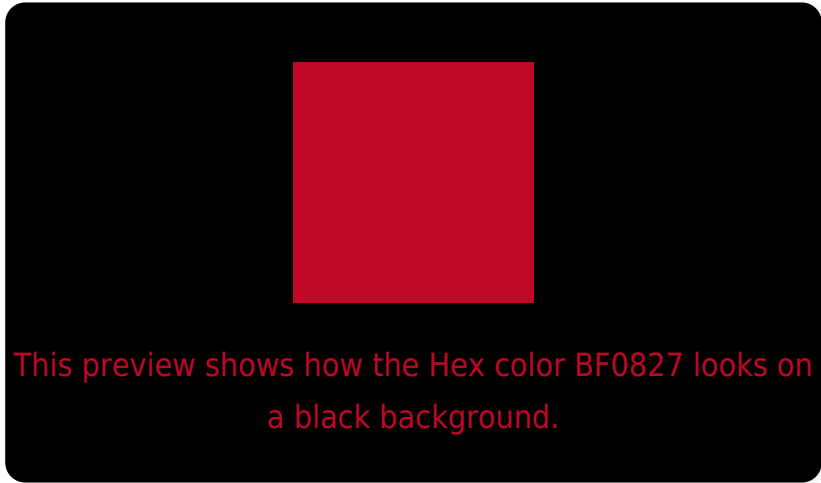
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF0827 Background



This preview shows how black text looks on a background with the Hex color BF0827.



This preview shows how white text looks on a background with the Hex color BF0827.

# 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



**Original Color**  
BF0827

**Protanopia**  
6A613C

**Deuteranopia**  
7A5C19



# Trichromacy



**Original Color**  
BF0827

**Protanomaly**  
894134

**Deuteranomaly**  
933D1E

**Tritanomaly**  
BF0E13

# Monochromacy



**Original Color**  
BF0827

**Achromatopsia**  
424242

**Achromatomaly**  
6F2D38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF0827 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 #BF0827 looks like.

```
.text, #text, p{  
    color:#BF0827  
}
```

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 #BF0827 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF0827
}
```

## Border

The CSS property to change the border of an element to Hex BF0827 is called "border". The border property can be set on classes, ids or directly on the HTML element.

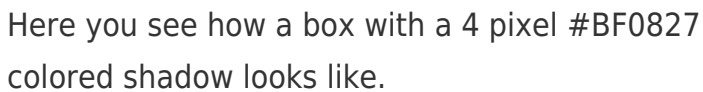
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF0827 }
```

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

```
.border{ border-color:#BF0827 }
```

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



Here you see how a box with a 4 pixel `#BF0827` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF0827; -webkit-box-shadow:4px 4px  
4px 4px #BF0827; box-shadow:4px 4px 4px  
4px #BF0827 }
```

# Background

The CSS property to change the background color of an element to Hex BF0827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF0827 }
```

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

```
.background{ background-color:#BF0827 }
```

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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