

# Converting Colors

Hex(BF3053)

Have a look what the booklet for  
Hex(BF3053) contains.

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# Color

**Hex(BF3053)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF3053
RGB	191, 48, 83
RGB Percent	75%, 19%, 33%
CMY	0.2510, 0.8118, 0.6745
CMYK	0.00, 0.75, 0.57, 0.25
HSL	345°, 60%, 47%
HSV	345°, 75%, 75%
XYZ	24.1041, 13.8148, 9.5797
YIQ	94.7470, 73.9930, 41.2010

# Conversions

## Conversions Part 2

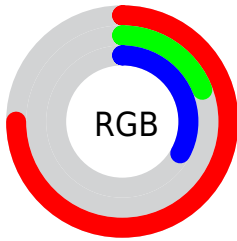
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 48, 83
Decimal	12529747
CIE <sub>Lab</sub>	43.97, 58.01, 14.44
CIE <sub>LCh</sub>	44, 59.781, 13.975
Yxy	13.8148, 0.5075, 0.2908
Android (android.graphics.Color)	4290719827 (0xFFBF3053)
YUV	94.7470, -5.7913, 84.4139
Hunter-Lab	37.1683, 50.7153, 10.7365

# Details

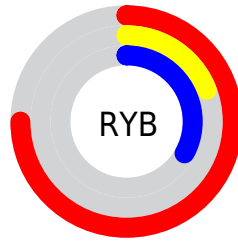
The Hex color **BF3053** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **30BF9C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FD6A84**, and **830027** is the 20% darker color. If you saturate the color by 10%, you get **BF1D45**, and if you desaturate by 10%, it is **BF4361**.

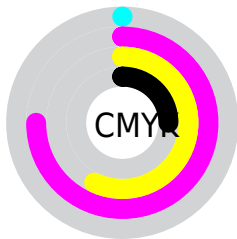
# Distribution



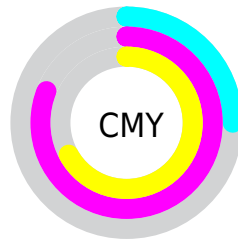
- Red (75%)
- Green (19%)
- Blue (33%)



- Red (75%)
- Yellow (19%)
- Blue (33%)



- Cyan (0%)
- Magenta (75%)
- Yellow (57%)
- Black (25%)



- Cyan (25%)
- Magenta (81%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF3053 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 BF3053 by changing the saturation by 10% instead.



 BF3053

 BF3053

FFFFFF

 A1053C

 FD6A84

 830027

 FF869E

 660013

 FFA2B9

 490001

 FFbfd5

 2C0001

 FFdCF1

 000000

 FFF9FF

 BF3053

 BF3053

 BF1D45

 BF4361

 BF0A36

 BF5670

 BF002F

 BF697E

 BF7C8D

 BF909B

 BFA3AA

 BFB6B8

 BFC9C6

 BFDCD5

# Harmonies

## Analogous

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



B23685



BF3053



B24424

# Triad

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



BF3053



2B7716



0075C8

# Complementary

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



BF3053



30BF9C

# 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.



007CAC



BF3053



007C4B

# Square

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



BF3053



686D00



007E7F



0A66C9

# Rectangle

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



BF3053



9F5500



007E7F



0078C1



# Sweetspot

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



BF3053



F7C1CE



9B30BF



7D5C64



FCFCFC



7D7D7D



# Same Dimension

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



BF3053



F7194F



BF5430



5E5557



9E0027



1F0007



# Inverse Universe

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



BF3053



F7194F



309BBF



5E5557



9E0027



1F0007



# Previews

## White Background



This preview shows how the Hex color BF3053 looks on a white background.

## Color Contrast Check

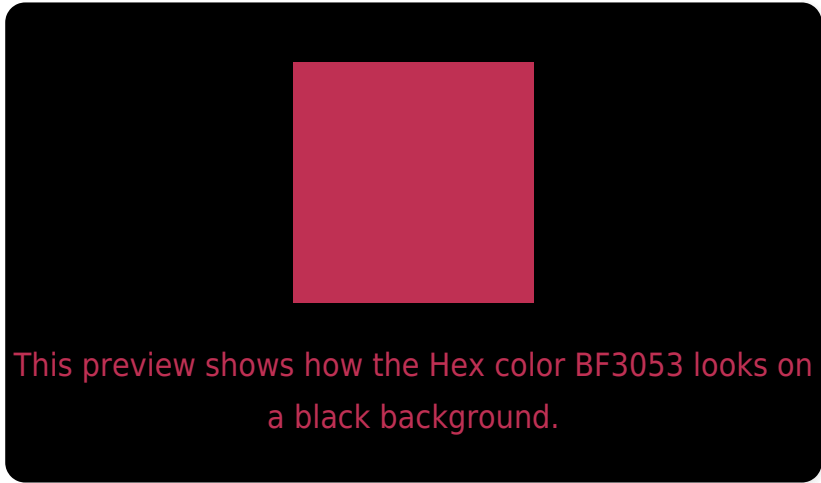
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF3053 Background



This preview shows how black text looks on a background with the Hex color BF3053.



This preview shows how white text looks on a background with the Hex color BF3053.

# 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



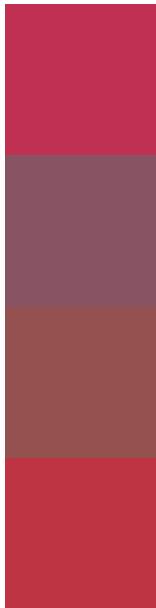
**Original Color**  
BF3053

**Protanopia**  
69686E

**Deuteranopia**  
7C644C



# Trichromacy



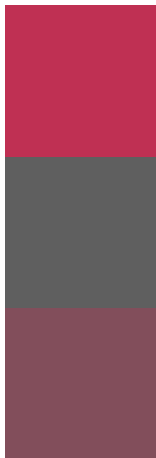
**Original Color**  
BF3053

**Protanomaly**  
885464

**Deuteranomaly**  
94514F

**Tritanomaly**  
BE3442

# Monochromacy



**Original Color**  
BF3053

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
824E5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF3053 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 #BF3053 looks like.

```
.text, #text, p{  
    color:#BF3053  
}
```

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 #BF3053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF3053
}
```

## Border

The CSS property to change the border of an element to Hex BF3053 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
#BF3053 }
```

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

```
.border{ border-color:#BF3053 }
```

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

Here you see how a box with a 4 pixel #BF3053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF3053; -webkit-box-shadow:4px 4px  
4px 4px #BF3053; box-shadow:4px 4px 4px  
4px #BF3053 }
```

# Background

The CSS property to change the background color of an element to Hex BF3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF3053 }
```

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

```
.background{ background-color:#BF3053 }
```

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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