

# Converting Colors

Hex(BF3258)

Have a look what the booklet for  
Hex(BF3258) contains.

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# Color

**Hex(BF3258)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF3258
RGB	191, 50, 88
RGB Percent	75%, 20%, 35%
CMY	0.2510, 0.8039, 0.6549
CMYK	0.00, 0.74, 0.54, 0.25
HSL	344°, 59%, 47%
HSV	344°, 74%, 75%
XYZ	24.3879, 14.0622, 10.6614
YIQ	96.4910, 71.8380, 41.7100

# Conversions

## Conversions Part 2

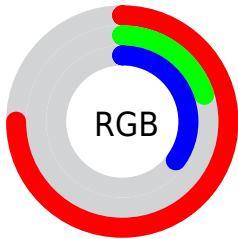
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 50, 88
Decimal	12530264
CIE <sub>Lab</sub>	44.32, 57.71, 11.82
CIE <sub>LCh</sub>	44, 58.913, 11.575
Yxy	14.0622, 0.4966, 0.2863
Android (android.graphics.Color)	4290720344 (0xFFBF3258)
YUV	96.4910, -4.1861, 82.8844
Hunter-Lab	37.4995, 50.4637, 9.3931

# Details

The Hex color **BF3258** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **32BF99**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FC6C8A**, and **83002B** is the 20% darker color. If you saturate the color by 10%, you get **BF1F4A**, and if you desaturate by 10%, it is **BF4566**.

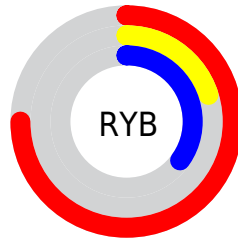
# Distribution



Red (75%)

Green (20%)

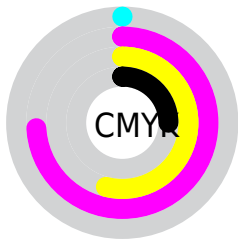
Blue (35%)



Red (75%)

Yellow (20%)

Blue (35%)

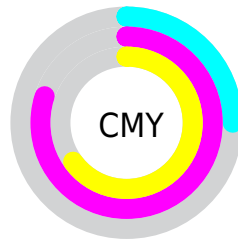


Cyan (0%)

Magenta (74%)

Yellow (54%)

Black (25%)



Cyan (25%)

Magenta (80%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF3258 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 BF3258 by changing the saturation by 10% instead.



 BF3258

 BF3258

FFFFFF

 A10A41

 FC6C8A

 83002B

 FF87A4

 660017

 FFA4BF

 4A0001

 FFC0DB

 2D0001

 FFDDF7

 000000

 FFFBFF

 BF3258

 BF3258

 BF1F4A

 BF4566

 BF0C3C

 BF5874

 BF0033

 BF6B82

 BF7E90

 BF929E

 BFA5AC

 BFB8BA

 BFCBC8

 BFDED6

# Harmonies

## Analogous

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



B03A89



BF3258



B44429

# Triad

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



BF3258



347714



0077C6

# Complementary

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



BF3258



32BF99

# 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.



007DA9



BF3258



007D48

# Square

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



BF3258



6D6D00



007F7B



0068CA

# Rectangle

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



BF3258



A25406



007F7B



007ABF



# Sweetspot

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



BF3258



F7C1D0



9732BF



7D5C65



FCFCFC



7D7D7D



# Same Dimension

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



BF3258



F71B57



BF5132



5E5557



9E002B



1F0008



# Inverse Universe

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



BF3258



F71B57



32A0BF



5E5557



9E002B



1F0008



# Previews

## White Background



This preview shows how the Hex color BF3258 looks on a white background.

## Color Contrast Check

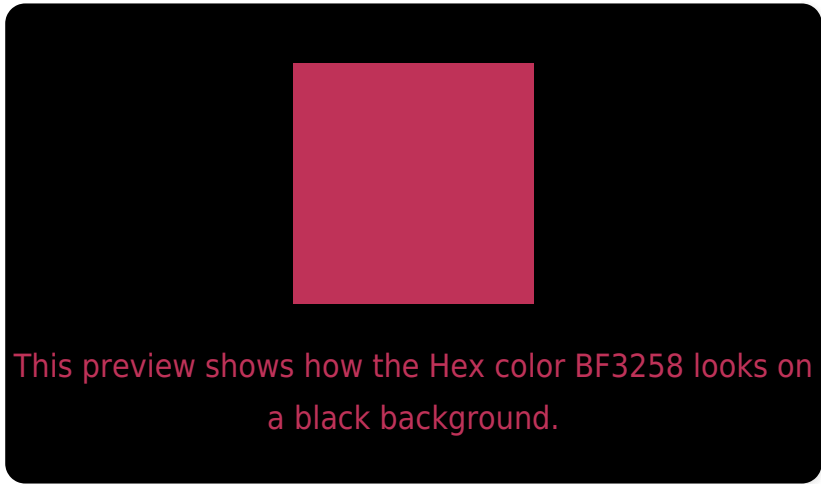
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF3258 Background



This preview shows how black text looks on a background with the Hex color BF3258.



This preview shows how white text looks on a background with the Hex color BF3258.

# 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**  
BF3258

**Protanopia**  
696974

**Deuteranopia**  
7C6551



**Tritanopia**  
BE383B

# Trichromacy



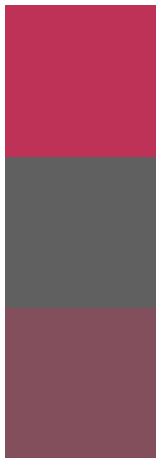
**Original Color**  
BF3258

**Protanomaly**  
88556A

**Deuteranomaly**  
945254

**Tritanomaly**  
BE3646

# Monochromacy



**Original Color**  
BF3258

**Achromatopsia**  
606060

**Achromatomaly**  
834F5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF3258 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 #BF3258 looks like.

```
.text, #text, p{  
    color:#BF3258  
}
```

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 #BF3258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF3258
}
```

## Border

The CSS property to change the border of an element to Hex BF3258 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
#BF3258 }
```

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

```
.border{ border-color:#BF3258 }
```

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

Here you see how a box with a 4 pixel #BF3258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF3258; -webkit-box-shadow:4px 4px  
4px 4px #BF3258; box-shadow:4px 4px 4px  
4px #BF3258 }
```

# Background

The CSS property to change the background color of an element to Hex BF3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF3258 }
```

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

```
.background{ background-color:#BF3258 }
```

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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