

# Converting Colors

Hex(BF5054)

Have a look what the booklet for  
Hex(BF5054) contains.

<b>Hex(BF5054)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(BF5054)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF5054
RGB	191, 80, 84
RGB Percent	75%, 31%, 33%
CMY	0.2510, 0.6863, 0.6706
CMYK	0.00, 0.58, 0.56, 0.25
HSL	358°, 46%, 53%
HSV	358°, 58%, 75%
XYZ	25.9548, 17.4538, 10.3885
YIQ	113.6450, 64.8720, 24.7760

# Conversions

## Conversions Part 2

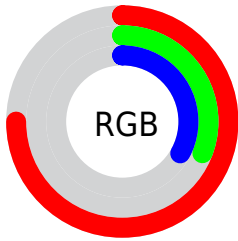
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 80, 84
Decimal	12537940
CIELab	48.83, 44.96, 20.38
CIElCh	49, 49.365, 24.386
Yxy	17.4538, 0.4825, 0.3244
Android (android.graphics.Color)	4290728020 (0xFFBF5054)
YUV	113.6450, -14.6150, 67.8403
Hunter-Lab	41.7777, 37.7836, 14.5013

# Details

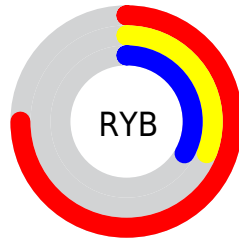
The Hex color **BF5054** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **50BFBB**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FC8585**, and **841927** is the 20% darker color. If you saturate the color by 10%, you get **BF3D42**, and if you desaturate by 10%, it is **BF6366**.

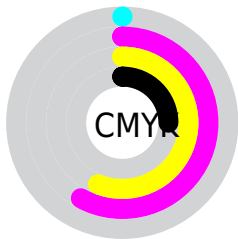
# Distribution



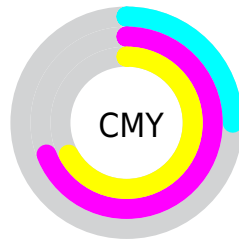
- Red (75%)
- Green (31%)
- Blue (33%)



- Red (75%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (58%)
- Yellow (56%)
- Black (25%)



- Cyan (25%)
- Magenta (69%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF5054 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 BF5054 by changing the saturation by 10% instead.



 BF5054

 BF5054

FFFFFF

 A1363D

 FC8585

 841927

 FFA0A0

 680013

 FFBCBB

 4C0000

 FFD9D6

 320002

 FFF6F3

 000000

 BF5054

 BF5054

 BF3D42

 BF6366

 BF2A2F

 BF7679

 BF171D

 BF898B

 BF040A

 BF9C9E

 BF0007

 BFB0B0

 BFC3C2

 BFD6D5

 BFE9E7

 BFFCFA

# Harmonies

## Analogous

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



BB4D7E



BF5054



AF5F30

# Triad

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



BF5054



318441



007BC7

# Complementary

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



BF5054



50BFBB

# 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.



0084B7



BF5054



00886A

# Square

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



BF5054



687C20



008895



676CC0

# Rectangle

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



BF5054



9C6A1E



008895



007FC4



# Sweetspot

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



BF5054



F7CDCF



B950BF



7D6465



FCFCFC



7D7D7D



# Same Dimension

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



BF5054



F74A50



BF8250



5E5555



9E0006



1F0001



# Inverse Universe

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



BF5054



F74A50



508DBF



5E5555



9E0006



1F0001



# Previews

## White Background



This preview shows how the Hex color BF5054 looks on a white background.

## Color Contrast Check

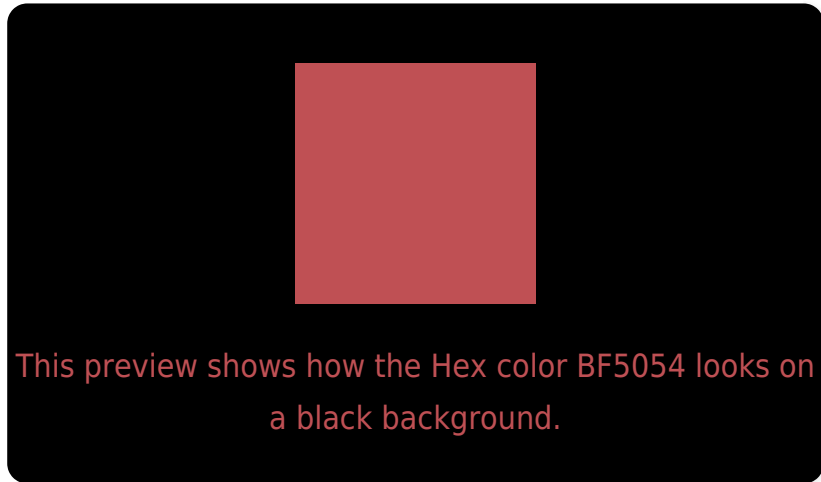
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF5054 Background



This preview shows how black text looks on a background with the Hex color BF5054.

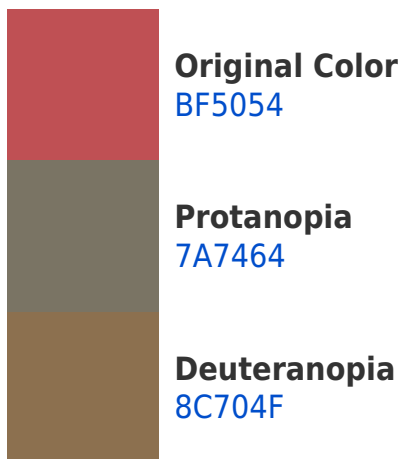


This preview shows how white text looks on a background with the Hex color BF5054.

# Color Blindness Simulation

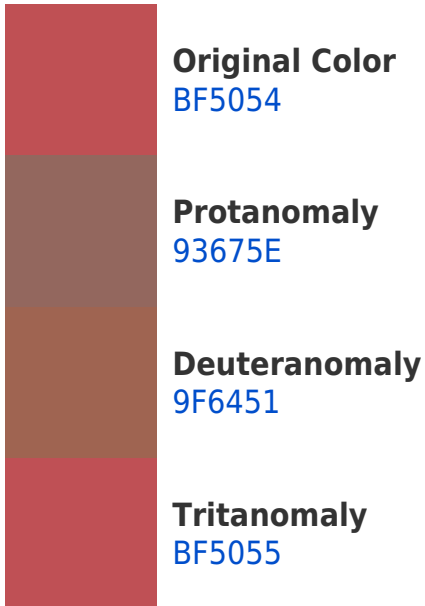
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF5054 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 #BF5054 looks like.

```
.text, #text, p{  
    color:#BF5054  
}
```

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 #BF5054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF5054
}
```

## Border

The CSS property to change the border of an element to Hex BF5054 is called "border". The border property can be set on classes, ids or directly on the HTML element.

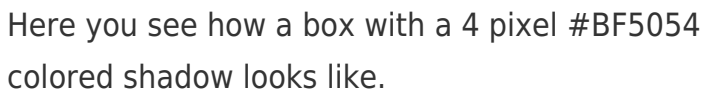
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF5054 }
```

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

```
.border{ border-color:#BF5054 }
```

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



Here you see how a box with a 4 pixel `#BF5054` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF5054; -webkit-box-shadow:4px 4px  
4px 4px #BF5054; box-shadow:4px 4px 4px  
4px #BF5054 }
```

# Background

The CSS property to change the background color of an element to Hex BF5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF5054 }
```

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

```
.background{ background-color:#BF5054 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor