

# Converting Colors

Hex(B0744F)

Have a look what the booklet for  
Hex(B0744F) contains.

<b>Hex(B0744F)</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(B0744F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B0744F
RGB	176, 116, 79
RGB Percent	69%, 45%, 31%
CMY	0.3098, 0.5451, 0.6902
CMYK	0.00, 0.34, 0.55, 0.31
HSL	23°, 38%, 50%
HSV	23°, 55%, 69%
XYZ	25.5612, 22.2854, 10.3514
YIQ	129.7220, 47.6370, 1.2130

# Conversions

## Conversions Part 2

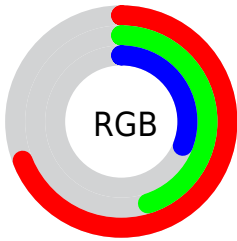
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 139, 79
Decimal	11564111
CIELab	54.33, 19.60, 29.98
CIELCh	54, 35.814, 56.823
Yxy	22.2854, 0.4392, 0.3829
Android (android.graphics.Color)	4289754191 (0xFFB0744F)
YUV	129.7220, -25.0059, 40.5858
Hunter-Lab	47.2074, 14.0385, 20.0443

# Details

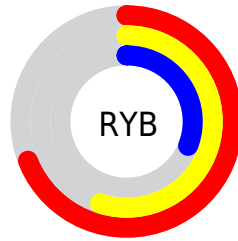
The Hex color **B0744F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4F8BB0**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **EAA881**, and **784321** is the 20% darker color. If you saturate the color by 10%, you get **B0693D**, and if you desaturate by 10%, it is **B07F61**.

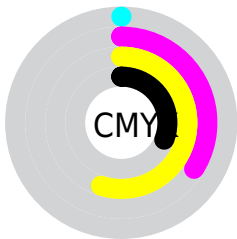
# Distribution



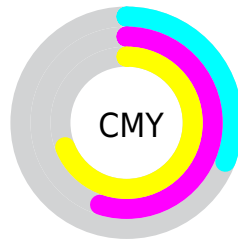
- Red (69%)
- Green (45%)
- Blue (31%)



- Red (69%)
- Yellow (55%)
- Blue (31%)



- Cyan (0%)
- Magenta (34%)
- Yellow (55%)
- Black (31%)



- Cyan (31%)
- Magenta (55%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0744F 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 B0744F by changing the saturation by 10% instead.



 B0744F

 B0744F

FFFFFF

 945B38

 EAA881

 784321

 FFC49B

 5D2D0B

 FFE0B6

 431700

 FFFCD2

 2A0000

 FFFFEE

 000000

 B0744F

 B0744F

 B0693D

 B07F61

 B05E2C

 B08A72

 B0531A

 B09584

 B04809

 B0A095

 B04300

 B0AAA7

 B0B5B9

 B0C0CA

 B0CBDC

 B0D6ED

# Harmonies

## Analogous

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



BC6B68



B0744F



987F43

# Triad

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



B0744F



1E927D



807BB9

# Complementary

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



B0744F



4F8BB0

# 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.



4A86BF



B0744F



00929D

# Square

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



B0744F



548F5F



008EB5



A570A4

# Rectangle

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



B0744F



848645



008EB5



707FBD



# Sweetspot

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



B0744F



E6CDBE



B04F8C



73655C



F2F2F2



737373



# Same Dimension

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



B0744F



E6884E



B0A34F



595450



993A00



1A0A00



# Inverse Universe

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



4F8BB0



4EACE6



4F5CB0



505659



005F99



00101A



# Previews

## White Background



This preview shows how the Hex color B0744F looks on a white background.

## Color Contrast Check

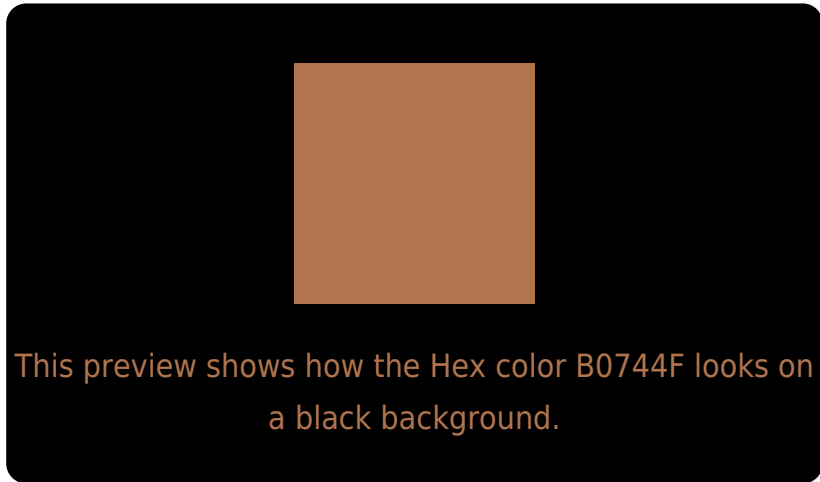
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

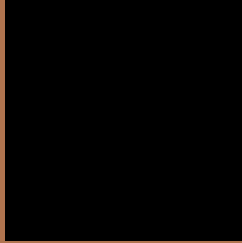
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0744F Background



This preview shows how black text looks on a background with the Hex color B0744F.



This preview shows how white text looks on a background with the Hex color B0744F.

# 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](#).

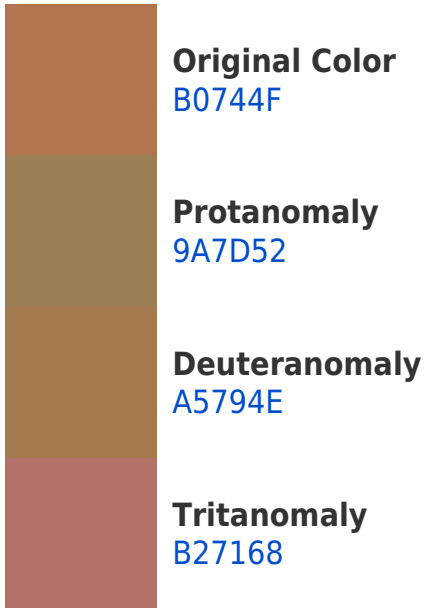
## Dichromacy



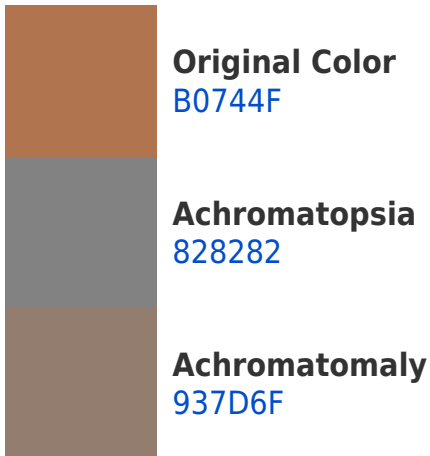


**Tritanopia**  
B36F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0744F 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 #B0744F looks like.

```
.text, #text, p{  
    color:#B0744F  
}
```

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 #B0744F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0744F
}
```

## Border

The CSS property to change the border of an element to Hex B0744F is called "border". The border property can be set on classes, ids or directly on the HTML element.

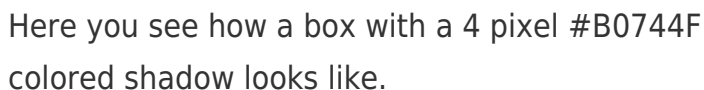
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B0744F }
```

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

```
.border{ border-color:#B0744F }
```

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



Here you see how a box with a 4 pixel #B0744F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0744F; -webkit-box-shadow:4px 4px  
4px 4px #B0744F; box-shadow:4px 4px 4px  
4px #B0744F }
```

# Background

The CSS property to change the background color of an element to Hex B0744F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0744F }
```

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

```
.background{ background-color:#B0744F }
```

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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