

# Converting Colors

Hex(B54730)

Have a look what the booklet for  
Hex(B54730) contains.

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# Color

**Hex(B54730)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B54730
RGB	181, 71, 48
RGB Percent	71%, 28%, 19%
CMY	0.2902, 0.7216, 0.8118
CMYK	0.00, 0.61, 0.73, 0.29
HSL	10°, 58%, 45%
HSV	10°, 73%, 71%
XYZ	21.8428, 14.5436, 4.4523
YIQ	101.2680, 72.9430, 16.1670

# Conversions

## Conversions Part 2

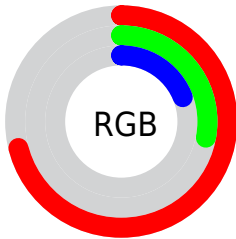
Format	Color
<a href="#">RYB</a>	<a href="#">181, 76, 48</a>
Decimal	<a href="#">11880240</a>
CIELab	<a href="#">45.00, 43.32, 36.27</a>
CIElCh	<a href="#">45, 56.501, 39.942</a>
Yxy	<a href="#">14.5436, 0.5349, 0.3561</a>
Android (android.graphics.Color)	<a href="#">4290070320 (0xFFB54730)</a>
YUV	<a href="#">101.2680, -26.2611, 69.9250</a>
Hunter-Lab	<a href="#">38.1361, 35.4992, 19.7734</a>

# Details

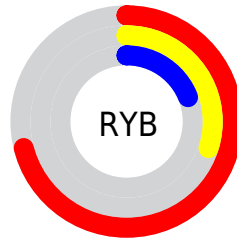
The Hex color **B54730** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **309EB5**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **F27B5F**, and **790E02** is the 20% darker color. If you saturate the color by 10%, you get **B5381E**, and if you desaturate by 10%, it is **B55642**.

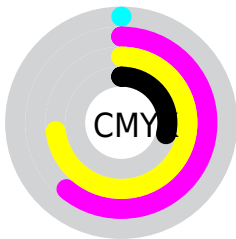
# Distribution



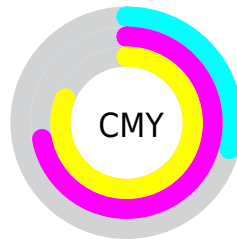
- Red (71%)
- Green (28%)
- Blue (19%)



- Red (71%)
- Yellow (30%)
- Blue (19%)



- Cyan (0%)
- Magenta (61%)
- Yellow (73%)
- Black (29%)



- Cyan (29%)
- Magenta (72%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B54730 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 B54730 by changing the saturation by 10% instead.



 B54730

 B54730

FFFFFF

 972D1A

 F27B5F

 790E02

 FF9678

 5C0000

 FFB292

 400000

 FFCEAD

 240001

 FFEBC9

 000000

 FFFF E5

 B54730

 B54730

 B5381E

 B55642

 B5290C

 B56554

 B51F00

 B57466

 B58378

 B5928B

 B5A19D

 B5B0AF

 B5BFC1

 B5CED3

# Harmonies

## Analogous

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



BE385D



B54730



9A5C01

# Triad

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



B54730



007E48



006BC8

# Complementary

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



B54730



309EB5

# 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.



0078C3



B54730



008079

# Square

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



B54730



3D7818



007FA6



8056B3

# Rectangle

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



B54730



806800



007FA6



0070C9



# Sweetspot

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



B54730



EBC0B7



B5309F



755C57



F5F5F5



757575



# Same Dimension

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



B54730



EB401C



B58930



595250



991A00



1A0400



# Inverse Universe

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



309EB5



1CC7EB



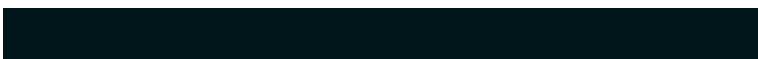
305CB5



505859



007F99

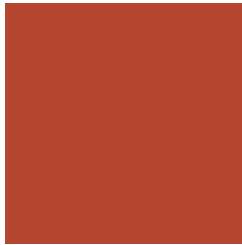


00151A



# Previews

## White Background



This preview shows how the Hex color B54730 looks on a white background.

## Color Contrast Check

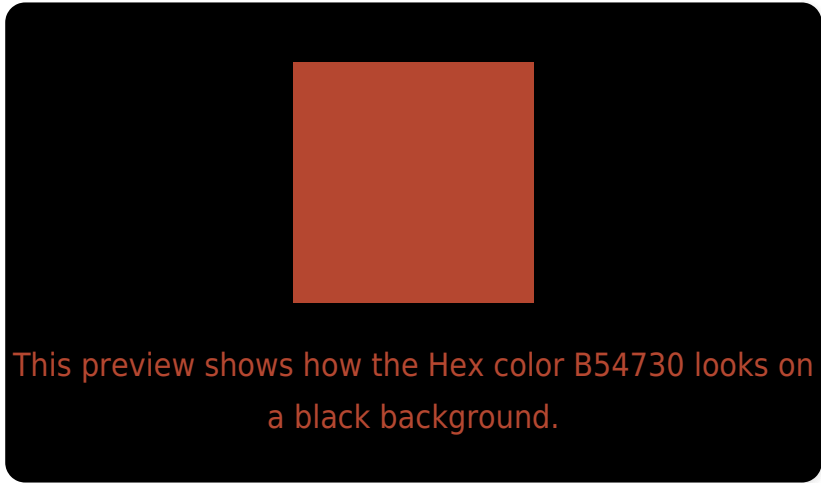
Large Text (above 18pt) WCAG AA ✓ Pass

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 B54730 Background



This preview shows how black text looks on a background with the Hex color B54730.



This preview shows how white text looks on a background with the Hex color B54730.

# 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](#).

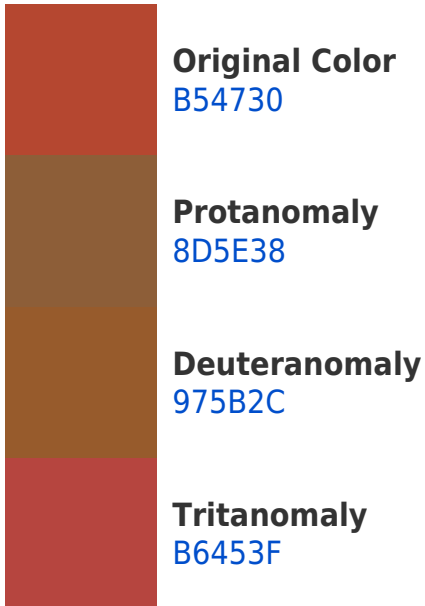
## Dichromacy





**Tritanopia**  
B64448

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B54730 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 #B54730 looks like.

```
.text, #text, p{  
    color:#B54730  
}
```

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 #B54730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B54730
}
```

## Border

The CSS property to change the border of an element to Hex B54730 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".

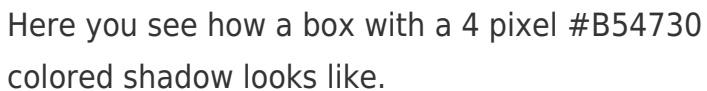
```
.border, #border, table{ border:4px solid
#B54730 }
```

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

```
.border{ border-color:#B54730 }
```

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

Here you see how a box with a 4 pixel #B54730 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B54730; -webkit-box-shadow:4px 4px  
4px 4px #B54730; box-shadow:4px 4px 4px  
4px #B54730 }
```

# Background

The CSS property to change the background color of an element to Hex B54730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B54730 }
```

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

```
.background{ background-color:#B54730 }
```

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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