

# Converting Colors

Hex(B53651)

Have a look what the booklet for  
Hex(B53651) contains.

<b>Hex(B53651)</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(B53651)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B53651
RGB	181, 54, 81
RGB Percent	71%, 21%, 32%
CMY	0.2902, 0.7882, 0.6824
CMYK	0.00, 0.70, 0.55, 0.29
HSL	347°, 54%, 46%
HSV	347°, 70%, 71%
XYZ	21.8604, 13.0562, 9.1525
YIQ	95.0510, 67.0250, 35.3210

# Conversions

## Conversions Part 2

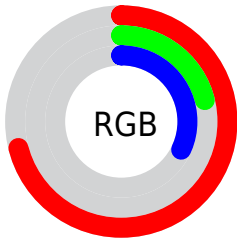
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 54, 81
Decimal	11875921
CIE Lab	42.85, 52.69, 13.85
CIE LCh	43, 54.480, 14.729
Yxy	13.0562, 0.4960, 0.2963
Android (android.graphics.Color)	4290066001 (0xFFB53651)
YUV	95.0510, -6.9271, 75.3773
Hunter-Lab	36.1333, 44.7580, 10.2753

# Details

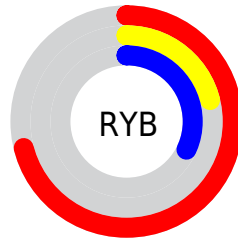
The Hex color **B53651** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **36B59A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **F26D82**, and **7A0025** is the 20% darker color. If you saturate the color by 10%, you get **B52443**, and if you desaturate by 10%, it is **B5485F**.

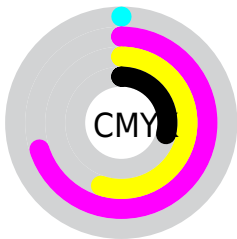
# Distribution



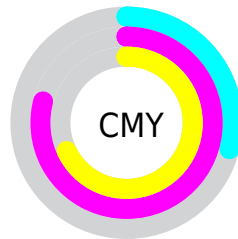
- Red (71%)
- Green (21%)
- Blue (32%)



- Red (71%)
- Yellow (21%)
- Blue (32%)



- Cyan (0%)
- Magenta (70%)
- Yellow (55%)
- Black (29%)



- Cyan (29%)
- Magenta (79%)
- Yellow (68%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B53651 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 B53651 by changing the saturation by 10% instead.



 B53651

 B53651

FFFFFF

 97153A

 F26D82

 7A0025

 FF899C

 5D0010

 FFA5B7

 420001

 FFC1D2

 240001

 FFDEEF

 000000

 FFFBFF

 B53651

 B53651

 B52443

 B5485F

 B51234

 B55A6E

 B50026

 B56C7C

 B57E8A

 B59198

 B5A3A7

 B5B5B5

 B5C7C3

 B5D9D1

# Harmonies

## Analogous

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



AA3A7E



B53651



A94727

# Triad

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



B53651



2F731E



0071BC

# Complementary

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



B53651



36B59A

# 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.



0078A4



B53651



00784C

# Square

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



B53651



656A00



007A7B



2963BD

# Rectangle

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



B53651



985409



007A7B



0074B7



# Sweetspot

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



B53651



EBB9C4



9936B5



75585E



F5F5F5



757575



# Same Dimension

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



B53651



EB264F



B55A36



595052



990021



1A0005



# Inverse Universe

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



B53651



EB264F



3691B5



595052



990021



1A0005



# Previews

## White Background



This preview shows how the Hex color B53651 looks on a white background.

## Color Contrast Check

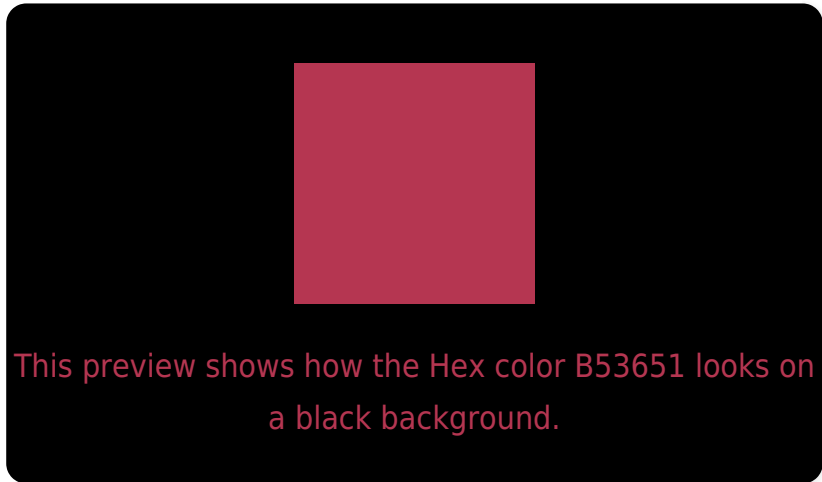
Large Text (above 18pt) WCAG AA ✓ Pass

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 B53651 Background



This preview shows how black text looks on a background with the Hex color B53651.

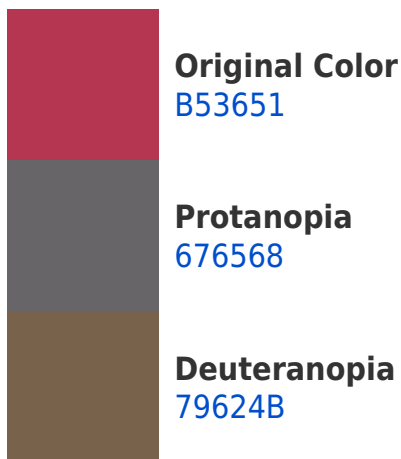



This preview shows how white text looks on a background with the Hex color B53651.

# 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**  
B43A3D

# Trichromacy



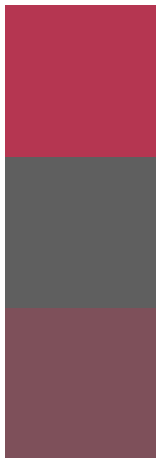
**Original Color**  
B53651

**Protanomaly**  
835460

**Deuteranomaly**  
8F524D

**Tritanomaly**  
B43944

# Monochromacy



**Original Color**  
B53651

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
7E505A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B53651 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 #B53651 looks like.

```
.text, #text, p{  
    color:#B53651  
}
```

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 #B53651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53651
}
```

## Border

The CSS property to change the border of an element to Hex B53651 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".

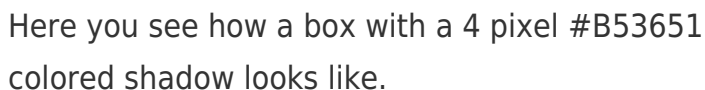
```
.border, #border, table{ border:4px solid
#B53651 }
```

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

```
.border{ border-color:#B53651 }
```

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

Here you see how a box with a 4 pixel #B53651 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53651; -webkit-box-shadow:4px 4px  
4px 4px #B53651; box-shadow:4px 4px 4px  
4px #B53651 }
```

# Background

The CSS property to change the background color of an element to Hex B53651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53651 }
```

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

```
.background{ background-color:#B53651 }
```

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