

# Converting Colors

Hex(B8553A)

Have a look what the booklet for  
Hex(B8553A) contains.

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**Color**

**Hex(B8553A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B8553A</a>
RGB	<a href="#">184, 85, 58</a>
RGB Percent	<a href="#">72%, 33%, 23%</a>
CMY	<a href="#">0.2784, 0.6667, 0.7725</a>
<a href="#">CMYK</a>	<a href="#">0.00, 0.54, 0.68, 0.28</a>
HSL	<a href="#">13°, 52%, 47%</a>
HSV	<a href="#">13°, 68%, 72%</a>
XYZ	<a href="#">23.7794, 16.9928, 6.0296</a>
YIQ	<a href="#">111.5230, 67.6710, 12.5910</a>

# Conversions

## Conversions Part 2

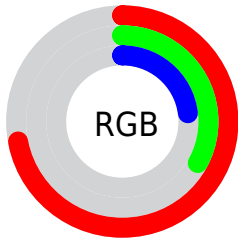
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">184, 92, 58</a>
Decimal	<a href="#">12080442</a>
CIELab	<a href="#">48.25, 38.11, 34.55</a>
CIELCh	<a href="#">48, 51.440, 42.188</a>
Yxy	<a href="#">16.9928, 0.5081, 0.3631</a>
Android (android.graphics.Color)	<a href="#">4290270522</a> ( <a href="#">0xFFB8553A</a> )
YUV	<a href="#">111.5230, -26.3868, 63.5623</a>
Hunter-Lab	<a href="#">41.2224, 30.8297, 20.1833</a>

# Details

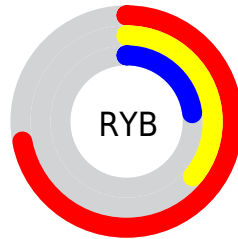
The Hex color **B8553A** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3A9DB8**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **F5896A**, and **7D220E** is the 20% darker color. If you saturate the color by 10%, you get **B84728**, and if you desaturate by 10%, it is **B8634C**.

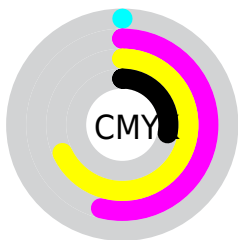
# Distribution



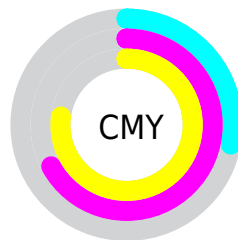
- Red (72%)
- Green (33%)
- Blue (23%)



- Red (72%)
- Yellow (36%)
- Blue (23%)



- Cyan (0%)
- Magenta (54%)
- Yellow (68%)
- Black (28%)



- Cyan (28%)
- Magenta (67%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8553A 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 B8553A by changing the saturation by 10% instead.



 B8553A

 B8553A

FFFFFF

 9A3C23

 F5896A

 7D220E

 FFA484

 610400

 FFC09E

 440000

 FFDCB9

 2B0001

 FFF9D5

 000000

 FFFFF1

 B8553A

 B8553A

 B84728

 B8634C

 B83815

 B8725F

 B82A03

 B88071

 B82700

 B88F84

 B89D96

 B8ACA8

 B8BABB

 B8C9CD

 B8D7E0

# Harmonies

## Analogous

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



C14963



B8553A



9E6719

# Triad

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



B8553A



008556



3A72C8

# Complementary

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



B8553A



3A9DB8

# 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.



007FC5



B8553A



008784

# Square

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



B8553A



47802D



0085AC



8B5FB3

# Rectangle

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



B8553A



86720E



0085AC



0077CA



# Sweetspot

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



B8553A



F0C8BD



B83A9F



78605A



F7F7F7



787878



# Same Dimension

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



B8553A



F0552B



B8923A



5C5553



9C2100



1C0600



# Inverse Universe

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



3A9DB8



2BC6F0



3A60B8



535A5C



007A9C

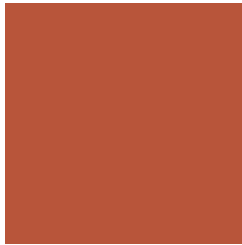


00161C



# Previews

## White Background



This preview shows how the Hex color B8553A looks on a white background.

## Color Contrast Check

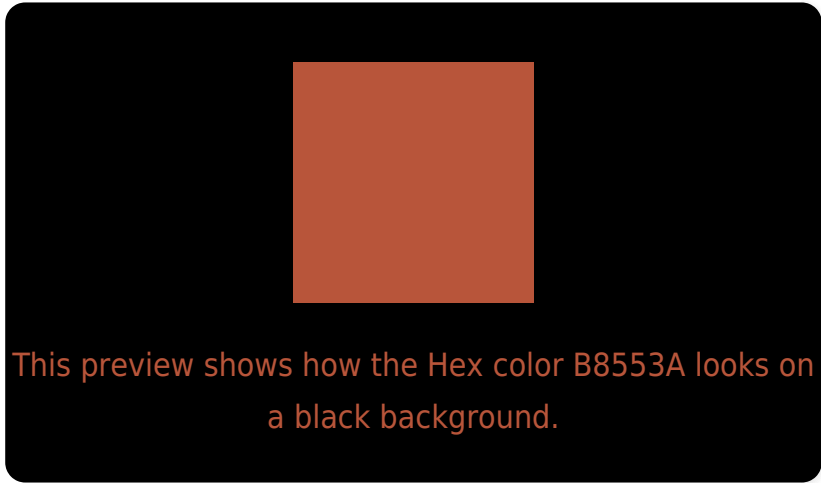
Large Text (above 18pt) WCAG AA ✓ Pass

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

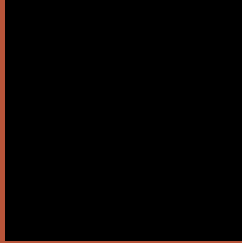
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B8553A Background



This preview shows how black text looks on a background with the Hex color B8553A.



This preview shows how white text looks on a background with the Hex color B8553A.

# 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](#).

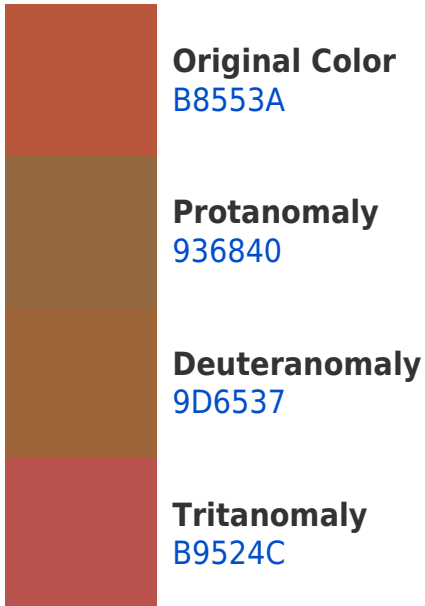
## Dichromacy





**Tritanopia**  
B95157

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8553A 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 #B8553A looks like.

```
.text, #text, p{  
    color:#B8553A  
}
```

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 #B8553A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8553A
}
```

## Border

The CSS property to change the border of an element to Hex B8553A is called "border". The border property can be set on classes, ids or directly on the HTML element.

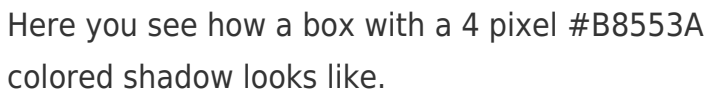
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B8553A }
```

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

```
.border{ border-color:#B8553A }
```

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



Here you see how a box with a 4 pixel #B8553A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8553A; -webkit-box-shadow:4px 4px  
4px 4px #B8553A; box-shadow:4px 4px 4px  
4px #B8553A }
```

# Background

The CSS property to change the background color of an element to Hex B8553A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8553A }
```

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

```
.background{ background-color:#B8553A }
```

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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