

# Converting Colors

Hex(B75A40)

Have a look what the booklet for  
Hex(B75A40) contains.

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**Color**

**Hex(B75A40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B75A40
RGB	183, 90, 64
RGB Percent	72%, 35%, 25%
CMY	0.2824, 0.6471, 0.7490
CMYK	0.00, 0.51, 0.65, 0.28
HSL	13°, 48%, 48%
HSV	13°, 65%, 72%
XYZ	24.1100, 17.7498, 7.0058
YIQ	114.8430, 63.7740, 11.6300

# Conversions

## Conversions Part 2

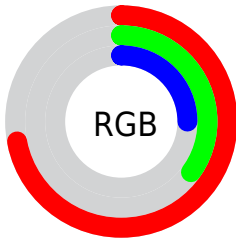
Format	Color
<a href="#">RYB</a>	<a href="#">183, 97, 64</a>
Decimal	<a href="#">12016192</a>
CIELab	<a href="#">49.19, 35.52, 32.26</a>
CIElCh	<a href="#">49, 47.977, 42.247</a>
Yxy	<a href="#">17.7498, 0.4934, 0.3632</a>
Android (android.graphics.Color)	<a href="#">4290206272</a> ( <a href="#">0xFFB75A40</a> )
YUV	<a href="#">114.8430, -25.0656, 59.7737</a>
Hunter-Lab	<a href="#">42.1305, 28.4219, 19.6321</a>

# Details

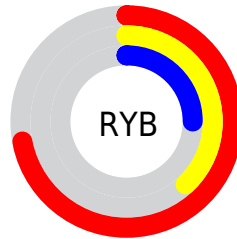
The Hex color **B75A40** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **409DB7**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **F38E70**, and **7D2814** is the 20% darker color. If you saturate the color by 10%, you get **B74C2E**, and if you desaturate by 10%, it is **B76852**.

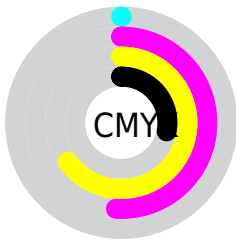
# Distribution



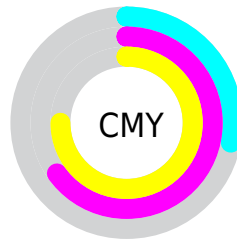
- Red (72%)
- Green (35%)
- Blue (25%)



- Red (72%)
- Yellow (38%)
- Blue (25%)



- Cyan (0%)
- Magenta (51%)
- Yellow (65%)
- Black (28%)



- Cyan (28%)
- Magenta (65%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B75A40 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 B75A40 by changing the saturation by 10% instead.



 B75A40

 B75A40

FFFFFF

 9A4129

 F38E70

 7D2814

 FFA98A

 610D00

 FFC5A5

 440000

 FFE1C0

 2C0001

 FFFEDC

 000000

 FFFFF8

 B75A40

 B75A40

 B74C2E

 B76852

 B73D1B

 B77765

 B72F09

 B78577

 B72800

 B79389

 B7A29B

 B7B0AE

 B7BEC0

 B7CCD2

 B7DBE5

# Harmonies

## Analogous

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



BF5066



B75A40



9E6A24

# Triad

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



B75A40



00875B



4674C5

# Complementary

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



B75A40



409DB7

# 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.



0080C2



B75A40



008985

# Square

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



B75A40



4E8235



0087AB



8D63B1

# Rectangle

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



B75A40



88741C



0087AB



1078C6



# Sweetspot

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



B75A40



EDC8BE



B7409D



78615B



F7F7F7



787878



# Same Dimension

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



B75A40



ED5D34



B79540



5C5553



9C2200



1C0600



# Inverse Universe

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



409DB7



34C5ED



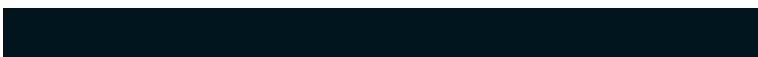
4062B7



535A5C



007A9C



00161C



# Previews

## White Background



This preview shows how the Hex color B75A40 looks on a white background.

## Color Contrast Check

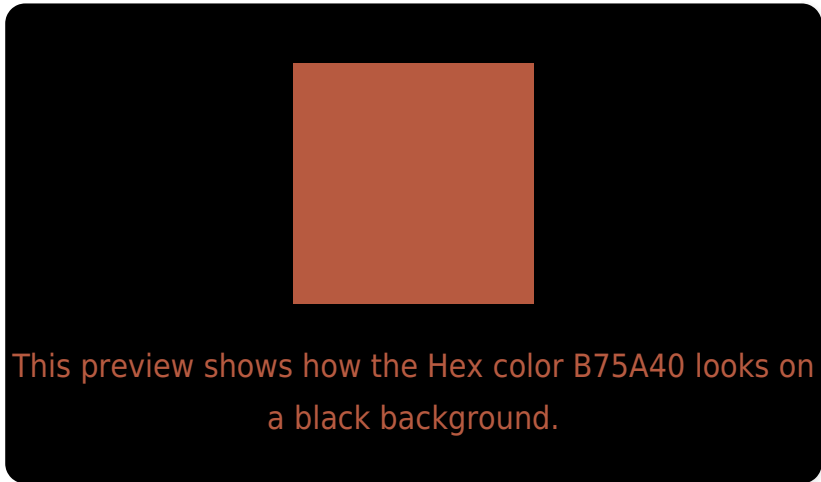
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 B75A40 Background



This preview shows how black text looks on a background with the Hex color B75A40.

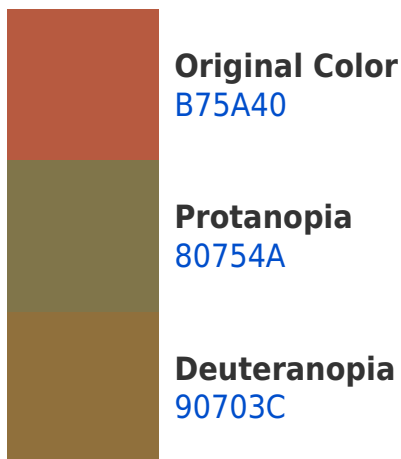



This preview shows how white text looks on a background with the Hex color B75A40.

# 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](#).

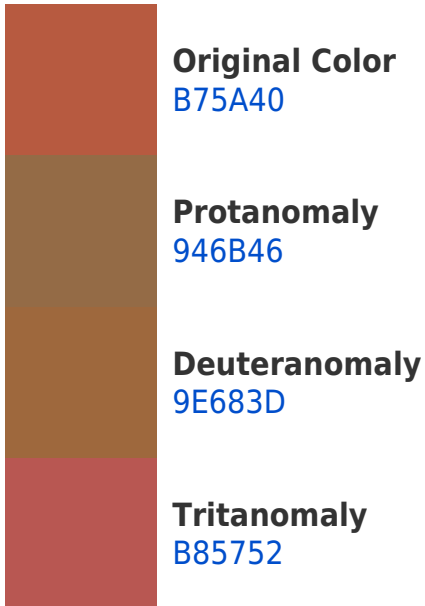
## Dichromacy



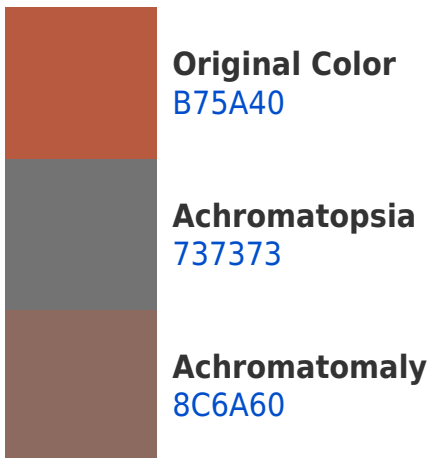


**Tritanopia**  
B9565C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B75A40 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 #B75A40 looks like.

```
.text, #text, p{  
    color:#B75A40  
}
```

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 #B75A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B75A40
}
```

## Border

The CSS property to change the border of an element to Hex B75A40 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
#B75A40 }
```

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

```
.border{ border-color:#B75A40 }
```

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

Here you see how a box with a 4 pixel #B75A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B75A40; -webkit-box-shadow:4px 4px  
4px 4px #B75A40; box-shadow:4px 4px 4px  
4px #B75A40 }
```

# Background

The CSS property to change the background color of an element to Hex B75A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B75A40 }
```

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

```
.background{ background-color:#B75A40 }
```

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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