

# Converting Colors

Hex(B75656)

Have a look what the booklet for  
Hex(B75656) contains.

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**Color**

**Hex(B75656)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B75656</a>
RGB	<a href="#">183, 86, 86</a>
RGB Percent	<a href="#">72%, 34%, 34%</a>
CMY	<a href="#">0.2824, 0.6627, 0.6627</a>
CMYK	<a href="#">0.00, 0.53, 0.53, 0.28</a>
HSL	<a href="#">0°, 40%, 53%</a>
HSV	<a href="#">0°, 53%, 72%</a>
XYZ	<a href="#">24.5359, 17.3947, 10.8684</a>
YIQ	<a href="#">115.0030, 57.8120, 20.5640</a>

# Conversions

## Conversions Part 2

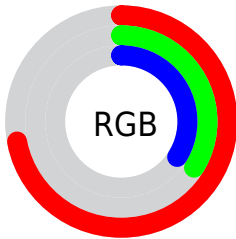
Format	Color
<a href="#">RYB</a>	<a href="#">183, 86, 86</a>
Decimal	<a href="#">12015190</a>
CIELab	<a href="#">48.75, 39.25, 18.87</a>
CIElCh	<a href="#">49, 43.554, 25.673</a>
Yxy	<a href="#">17.3947, 0.4647, 0.3295</a>
Android (android.graphics.Color)	<a href="#">4290205270 (0xFFB75656)</a>
YUV	<a href="#">115.0030, -14.2985, 59.6334</a>
Hunter-Lab	<a href="#">41.7070, 32.0231, 13.7445</a>

# Details

The Hex color **B75656** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **56B7B7**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **F38A88**, and **7D2329** is the 20% darker color. If you saturate the color by 10%, you get **B74444**, and if you desaturate by 10%, it is **B76868**.

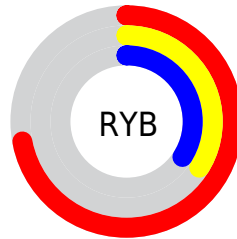
# Distribution



Red (72%)

Green (34%)

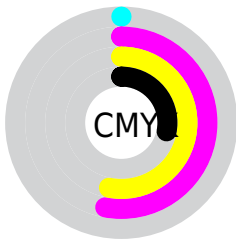
Blue (34%)



Red (72%)

Yellow (34%)

Blue (34%)

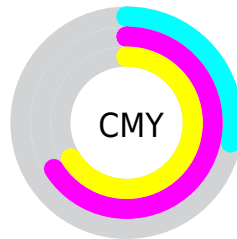


Cyan (0%)

Magenta (53%)

Yellow (53%)

Black (28%)



Cyan (28%)

Magenta (66%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B75656 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 B75656 by changing the saturation by 10% instead.



 B75656

 B75656

FFFFFF

 9A3D3F

 F38A88

 7D2329

 FFA5A2

 610315

 FFC1BD

 460000

 FFDED9

 2E0002

 FFFBF5

 000000

 B75656

 B75656

 B74444

 B76868

 B73131

 B77B7B

 B71F1F

 B78D8D

 B70D0D

 B79F9F

 B70000

 B7B2B2

 B7C4C4

 B7D6D6

 B7E8E8

 B7FBFB

# Harmonies

## Analogous

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



B4547B



B75656



A86237

# Triad

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



B75656



3A8248



0079BD

# Complementary

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



B75656



56B7B7

# 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.



0082B0



B75656



00866D

# Square

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



B75656



697B2D



008693



6C6CB6

# Rectangle

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



B75656



976C2A



008693



007DBB



# Sweetspot

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



B75656



EDC7C7



B756B7



786161



F7F7F7



787878



# Same Dimension

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



B75656



ED5555



B78756



5C5353



9C0000



1C0000



# Inverse Universe

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



56B7B7



55EDED



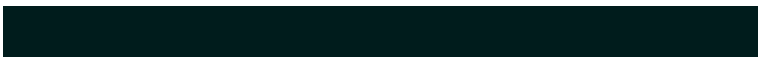
5687B7



535C5C



009C9C



001C1C



# Previews

## White Background



This preview shows how the Hex color B75656 looks on a white background.

## Color Contrast Check

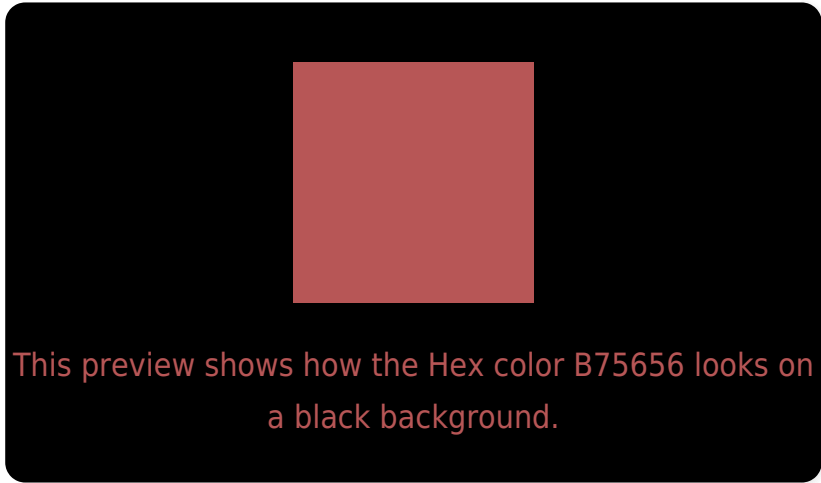
Large Text (above 18pt) WCAG AA ✓ Pass

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 B75656 Background



This preview shows how black text looks on a background with the Hex color B75656.

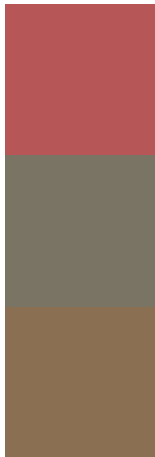


This preview shows how white text looks on a background with the Hex color B75656.

# 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



**Original Color**  
B75656

**Protanopia**  
7A7464

**Deuteranopia**  
8B6F52



**Tritanopia**  
B7555B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B75656 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 #B75656 looks like.

```
.text, #text, p{  
    color:#B75656  
}
```

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 #B75656 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B75656
}
```

## Border

The CSS property to change the border of an element to Hex B75656 is called "border". The border property can be set on classes, ids or directly on the HTML element.

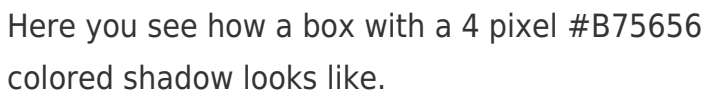
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B75656 }
```

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

```
.border{ border-color:#B75656 }
```

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



Here you see how a box with a 4 pixel #B75656 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B75656; -webkit-box-shadow:4px 4px  
4px 4px #B75656; box-shadow:4px 4px 4px  
4px #B75656 }
```

# Background

The CSS property to change the background color of an element to Hex B75656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B75656 }
```

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

```
.background{ background-color:#B75656 }
```

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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