

# Converting Colors

Hex(B75570)

Have a look what the booklet for  
Hex(B75570) contains.

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**Color**

**Hex(B75570)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B75570
RGB	183, 85, 112
RGB Percent	72%, 33%, 44%
CMY	0.2824, 0.6667, 0.5608
CMYK	0.00, 0.54, 0.39, 0.28
HSL	343°, 40%, 53%
HSV	343°, 54%, 72%
XYZ	25.7016, 17.7341, 17.3976
YIQ	117.3800, 49.7410, 29.1730

# Conversions

## Conversions Part 2

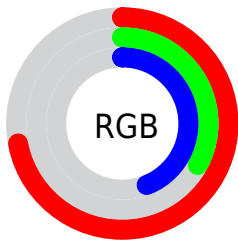
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 85, 112
Decimal	12014960
CIE <sub>Lab</sub>	49.17, 42.41, 3.84
CIE <sub>LCh</sub>	49, 42.588, 5.171
Yxy	17.7341, 0.4225, 0.2915
Android (android.graphics.Color)	4290205040 (0xFFB75570)
YUV	117.3800, -2.6523, 57.5487
Hunter-Lab	42.1119, 35.2455, 4.9839

# Details

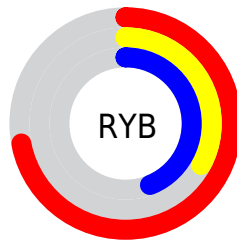
The Hex color **B75570** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **55B79C**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **F28AA4**, and **7E2140** is the 20% darker color. If you saturate the color by 10%, you get **B74363**, and if you desaturate by 10%, it is **B7677D**.

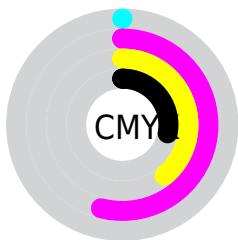
# Distribution



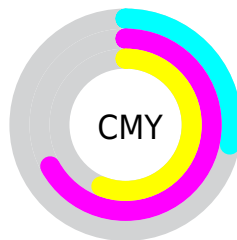
- Red (72%)
- Green (33%)
- Blue (44%)



- Red (72%)
- Yellow (33%)
- Blue (44%)



- Cyan (0%)
- Magenta (54%)
- Yellow (39%)
- Black (28%)



- Cyan (28%)
- Magenta (67%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B75570 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 B75570 by changing the saturation by 10% instead.



 B75570

 B75570

FFFFFF

 9A3B58

 F28AA4

 7E2140

 FFA5BF

 63002B

 FFC1DA

 480016

 FFDDF7

 310002

 FFFAFF

 000000

 B75570

 B75570

 B74363

 B7677D

 B73055

 B77A8B

 B71E48

 B78C98

 B70C3B

 B79EA5

 B70032

 B7B1B2

 B7C3C0

 B7D5CD

 B7E7DA

 B7FAE7

# Harmonies

## Analogous

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



A65B94



B75570



B45B4D

# Triad

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



B75570



5E7F37



0081B6

# Complementary

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



B75570



55B79C

# 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.



00869D



B75570



278555

# Square

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



B75570



837529



00877A



3C77BD

# Rectangle

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



B75570



A9633A



00877A



0083AF



# Sweetspot

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



B75570



EDC7D2



9B55B7



786167



F7F7F7



787878



# Same Dimension

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



B75570



ED557F



B76A55



5C5355



9C002B



1C0008



# Inverse Universe

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



B75570



ED557F



55A2B7



5C5355



9C002B



1C0008



# Previews

## White Background



This preview shows how the Hex color B75570 looks on a white background.

## Color Contrast Check

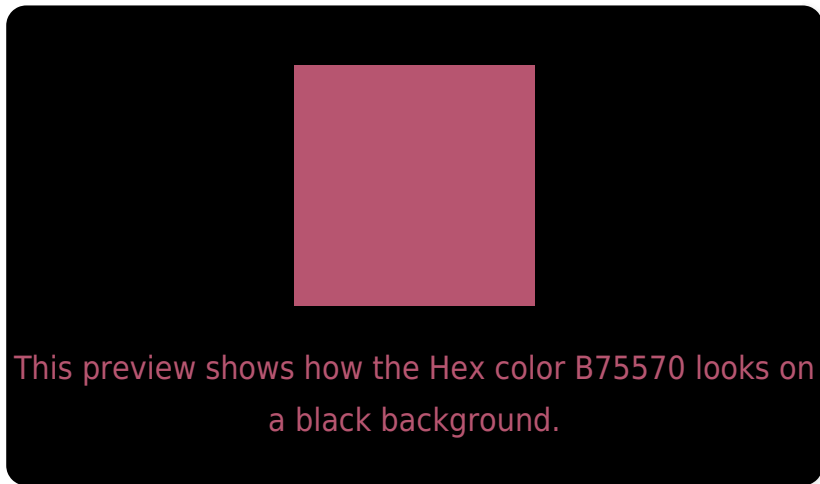
Large Text (above 18pt) WCAG AA ✓ Pass

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 B75570 Background



This preview shows how black text looks on a background with the Hex color B75570.

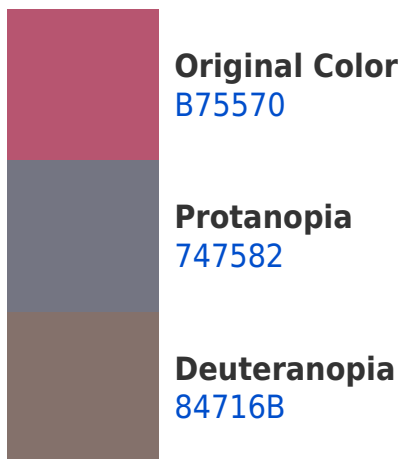


This preview shows how white text looks on a background with the Hex color B75570.

# 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





# Trichromacy



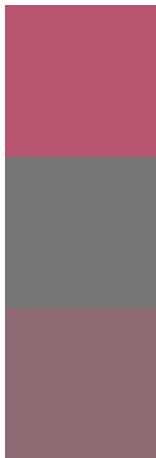
**Original Color**  
B75570

**Protanomaly**  
8C697B

**Deuteranomaly**  
97676D

**Tritanomaly**  
B65765

# Monochromacy



**Original Color**  
B75570

**Achromatopsia**  
757575

**Achromatomaly**  
8D6973

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B75570 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 #B75570 looks like.

```
.text, #text, p{  
    color:#B75570  
}
```

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 #B75570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B75570
}
```

## Border

The CSS property to change the border of an element to Hex B75570 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
#B75570 }
```

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

```
.border{ border-color:#B75570 }
```

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

Here you see how a box with a 4 pixel #B75570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B75570; -webkit-box-shadow:4px 4px  
4px 4px #B75570; box-shadow:4px 4px 4px  
4px #B75570 }
```

# Background

The CSS property to change the background color of an element to Hex B75570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B75570 }
```

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

```
.background{ background-color:#B75570 }
```

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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