

# Converting Colors

Hex(B55870)

Have a look what the booklet for  
Hex(B55870) contains.

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# Color

**Hex(B55870)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B55870
RGB	181, 88, 112
RGB Percent	71%, 35%, 44%
CMY	0.2902, 0.6549, 0.5608
CMYK	0.00, 0.51, 0.38, 0.29
HSL	345°, 39%, 53%
HSV	345°, 51%, 71%
XYZ	25.4704, 17.9731, 17.4559
YIQ	118.5430, 47.7240, 27.1800

# Conversions

## Conversions Part 2

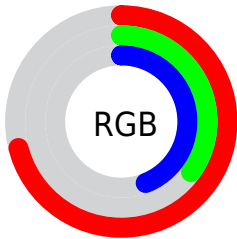
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 88, 112
Decimal	11884656
CIE <sub>Lab</sub>	49.46, 40.19, 4.22
CIE <sub>LCh</sub>	49, 40.407, 5.994
Yxy	17.9731, 0.4182, 0.2951
Android (android.graphics.Color)	4290074736 (0xFFB55870)
YUV	118.5430, -3.2257, 54.7748
Hunter-Lab	42.3946, 33.0510, 5.2637

# Details

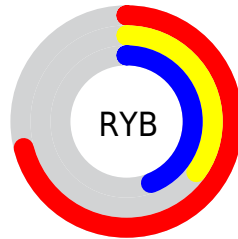
The Hex color **B55870** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **58B59D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **EF8CA4**, and **7D2540** is the 20% darker color. If you saturate the color by 10%, you get **B54663**, and if you desaturate by 10%, it is **B56A7D**.

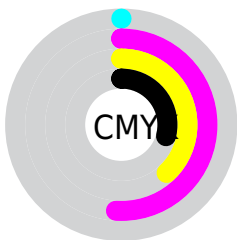
# Distribution



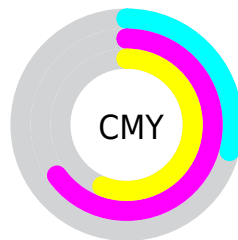
- Red (71%)
- Green (35%)
- Blue (44%)



- Red (71%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (51%)
- Yellow (38%)
- Black (29%)



- Cyan (29%)
- Magenta (65%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B55870 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 B55870 by changing the saturation by 10% instead.



 B55870

 B55870

FFFFFF

 993E58

 EF8CA4

 7D2540

 FFA8BF

 61052B

 FFC4DA

 470016

 FFE0F7

 300002

 FFFDF7

 000000

 B55870

 B55870

 B54663

 B56A7D

 B53455

 B57C8B

 B52248

 B58E98

 B5103A

 B5A0A6

 B5002F

 B5B3B3

 B5C5C1

 B5D7CE

 B5E9DB

 B5FBE9

# Harmonies

## Analogous

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



A55D92



B55870



B25E4F

# Triad

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



B55870



5F7F3C



0081B4

# Complementary

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



B55870



58B59D

# 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



B55870



2D8558

# Square

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



B55870



83762E



00877C



4577BA

# Rectangle

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



B55870



A7653D



00877C



0083AE



# Sweetspot

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



B55870



EBC7D0



9C58B5



756066



F5F5F5



757575



# Same Dimension

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



B55870



EB597F



B56E58



595053



990027



1A0007



# Inverse Universe

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



B55870



EB597F



589FB5



595053



990027



1A0007



# Previews

## White Background



This preview shows how the Hex color B55870 looks on a white background.

## Color Contrast Check

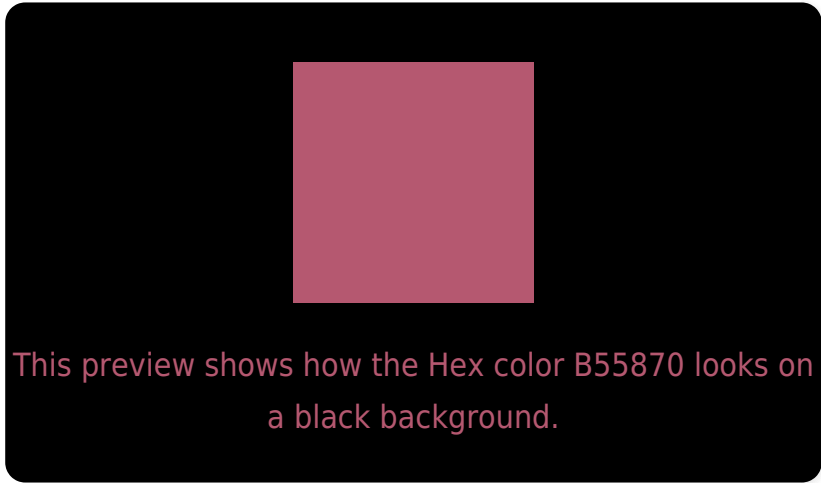
Large Text (above 18pt) WCAG AA ✓ Pass

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 B55870 Background



This preview shows how black text looks on a background with the Hex color B55870.



This preview shows how white text looks on a background with the Hex color B55870.

# 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**  
B55870

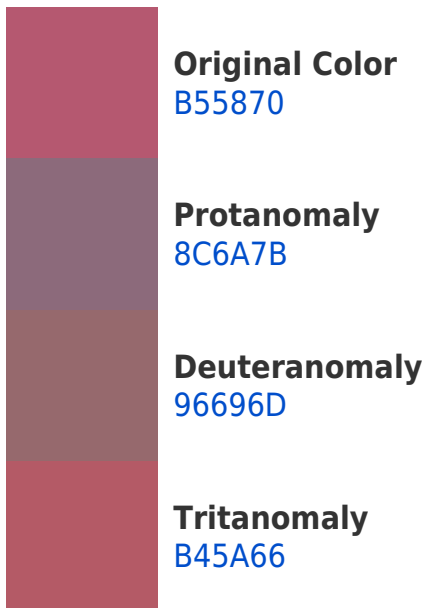
**Protanopia**  
757581

**Deuteranopia**  
85726C

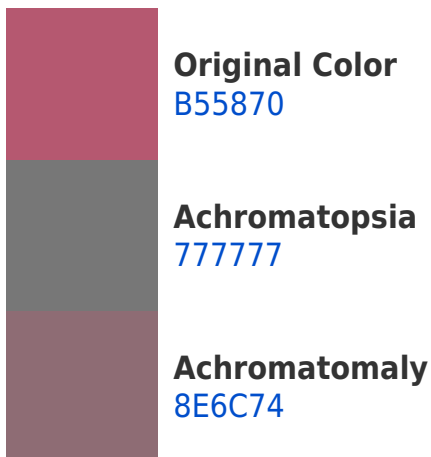


**Tritanopia**  
B45B61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B55870 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 #B55870 looks like.

```
.text, #text, p{  
    color:#B55870  
}
```

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 #B55870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B55870
}
```

## Border

The CSS property to change the border of an element to Hex B55870 is called "border". The border property can be set on classes, ids or directly on the HTML element.

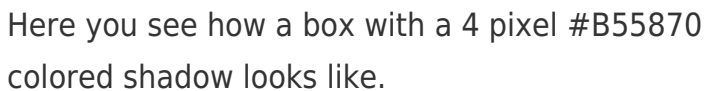
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B55870 }
```

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

```
.border{ border-color:#B55870 }
```

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



Here you see how a box with a 4 pixel #B55870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B55870; -webkit-box-shadow:4px 4px  
4px 4px #B55870; box-shadow:4px 4px 4px  
4px #B55870 }
```

# Background

The CSS property to change the background color of an element to Hex B55870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B55870 }
```

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

```
.background{ background-color:#B55870 }
```

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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