

# Converting Colors

Hex(A85757)

Have a look what the booklet for  
Hex(A85757) contains.

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# Color

**Hex(A85757)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A85757
RGB	168, 87, 87
RGB Percent	66%, 34%, 34%
CMY	0.3412, 0.6588, 0.6588
CMYK	0.00, 0.48, 0.48, 0.34
HSL	0°, 32%, 50%
HSV	0°, 48%, 66%
XYZ	21.2769, 15.8293, 10.9508
YIQ	111.2190, 48.2760, 17.1720

# Conversions

## Conversions Part 2

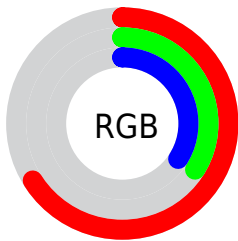
Format	Color
<a href="#">RYB</a>	<a href="#">168, 87, 87</a>
Decimal	<a href="#">11032407</a>
CIELab	<a href="#">46.75, 33.12, 15.18</a>
CIElCh	<a href="#">47, 36.434, 24.623</a>
Yxy	<a href="#">15.8293, 0.4427, 0.3294</a>
Android (android.graphics.Color)	<a href="#">4289222487 (0xFFA85757)</a>
YUV	<a href="#">111.2190, -11.9400, 49.7969</a>
Hunter-Lab	<a href="#">39.7861, 25.8331, 11.5312</a>

# Details

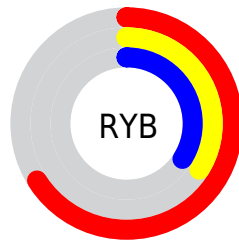
The Hex color **A85757** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **57A8A8**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **E28B89**, and **70262A** is the 20% darker color. If you saturate the color by 10%, you get **A84646**, and if you desaturate by 10%, it is **A86868**.

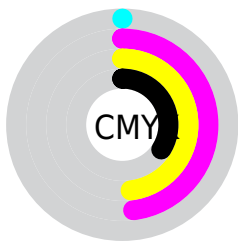
# Distribution



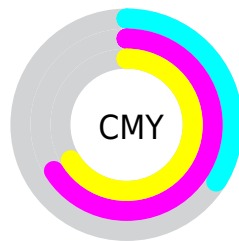
- Red (66%)
- Green (34%)
- Blue (34%)



- Red (66%)
- Yellow (34%)
- Blue (34%)



- Cyan (0%)
- Magenta (48%)
- Yellow (48%)
- Black (34%)



- Cyan (34%)
- Magenta (66%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A85757 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 A85757 by changing the saturation by 10% instead.



 A85757

 A85757

FFFFFF

 8C3E40

 E28B89

 70262A

 FFA5A3

 550C16

 FFC1BE

 3B0000

 FFDDDA

 210001

 FFFAF6

 000000

 A85757

 A85757

 A84646

 A86868

 A83535

 A87979

 A82525

 A88989

 A81414

 A89A9A

 A80303

 A8ABAB

 A80000

 A8BCBC

 A8CDCD

 A8DDDD

 A8EEEE

# Harmonies

## Analogous

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



A45676



A85757



9C603E

# Triad

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



A85757



437B4A



2874AB

# Complementary

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



A85757



57A8A8

# 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.



007BA0



A85757



007E68

# Square

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



A85757



687535



007E87



6869A6

# Rectangle

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



A85757



8E6833



007E87



0077A9



# Sweetspot

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



A85757



DBBDBD



A857A8



6E5B5B



EDEDED



6E6E6E



# Same Dimension

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



A85757



DB5C5C



A87F57



544C4C



940000



140000



# Inverse Universe

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



57A8A8



5CDBDB



577FA8



4C5454



009494

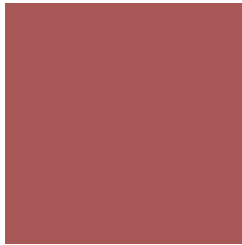


001414



# Previews

## White Background



This preview shows how the Hex color A85757 looks on a white background.

## Color Contrast Check

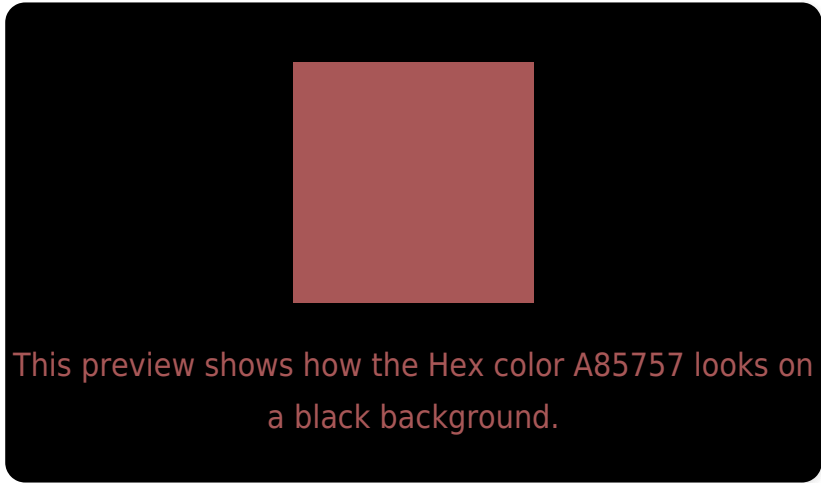
Large Text (above 18pt) WCAG AA ✓ Pass

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 A85757 Background



This preview shows how black text looks on a background with the Hex color A85757.

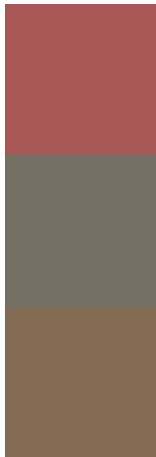


This preview shows how white text looks on a background with the Hex color A85757.

# 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**  
A85757

**Protanopia**  
746F63

**Deuteranopia**  
836B54



**Tritanopia**  
A8565C

# Trichromacy



**Original Color**  
A85757

**Protanomaly**  
87665F

**Deuteranomaly**  
906455

**Tritanomaly**  
A8565A

# Monochromacy



**Original Color**  
A85757

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
846666

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A85757 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 #A85757 looks like.

```
.text, #text, p{  
    color:#A85757  
}
```

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 #A85757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A85757  
}
```

## Border

The CSS property to change the border of an element to Hex A85757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

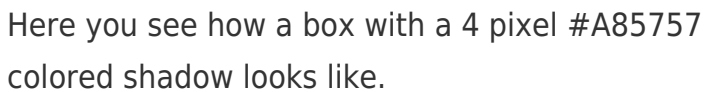
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A85757 }
```

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

```
.border{ border-color:#A85757 }
```

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



Here you see how a box with a 4 pixel #A85757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A85757; -webkit-box-shadow:4px 4px  
4px 4px #A85757; box-shadow:4px 4px 4px  
4px #A85757 }
```

# Background

The CSS property to change the background color of an element to Hex A85757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A85757 }
```

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

```
.background{ background-color:#A85757 }
```

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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